Observ.
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CAPE ASTROGRAPHIC ZONES.

VOL. III.

CATALOGUE OF RECTANGULAR CO-ORDINATES AND DIAMETERS OF STAR-IMAGES

DERIVED FROM PHOTOGRAPHS

TAKEN AT THE ROYAL OBSERVATORY, CAPE OF GOOD HOPE.

COMMENCED UNDER THE DIRECTION OF

SIR DAVID GILL, K.C.B., LL.D., F.R.S., ETC.,

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INTRODUCTION

TO

VOL. III.

§ I.—GENERAL.

A general description of the work pertaining to the Cape zones of the "Carte du Ciel" Catalogue is contained in the Introduction to Vol. I. of this series.

The present volume contains the results of measures derived from plates having their centres on the declination circle $-43°$, which have been treated in all respects in a similar manner to those dealt with in the previous volumes.

For fuller detail, reference may be made to this general description, only such parts being repeated here as require modification for each particular zone, or which are considered essential in explanation of the contents of the volume.

§ II.—INSTRUMENTAL ADJUSTMENTS, Etc.

(*a*) The Photographic Telescope.

A description of the photographic refractor is given at p. 120 of the *History and Description of the Cape Observatory*, and it will be sufficient here to state the following details :—

The equatorial mounting is of the German type, carrying two parallel telescopes securely braced together by rigid cast iron flanges near their ends.

The main photographic telescope is of 13 inches aperture and $11\frac{1}{4}$ feet focal length, giving pictures very approximately on a scale of $1'$ of arc to a millimetre.

The breech piece of the telescope carries the plate holder mounted in such a manner that the latter can be easily removed and quickly replaced so as to return accurately to the same position. The photographic plate in its turn is held in this holder with spring pressure against six bearing points, three of which serve to define its plane, and the remaining three its position and orientation in that plane.

A second plate carrier, with bearing points in exactly similar positions in relation to the plate, is used for impressing on the plate the réseau used for purposes of measurement. Thus the intersection of the central réseau lines should define a point which is "fixed" in relation to the breech end of the telescope.

By removing the plate carrier and replacing it by a small aperture coinciding with this fixed position, the object glass, as a whole, was centred on this small aperture in the usual manner.

To adjust the plate perpendicular to the optical axis, the plate was replaced in its carrier by a plane mirror on which this centre was duly marked by removal of a small circular patch of the silvering. A small glow lamp was placed in a central position outside the object glass and its reflected image in this mirror viewed through the objective. The tilt of the mirror was then regulated by the available adjusting screws until the lamp, its image, and the centre mark on the mirror were in alignment.

The mounting of the breech end permits of a small rotation of the plate holder, by which the central réseau lines may be accurately adjusted respectively along, and perpendicular to, an hour circle. This adjustment can be tested by allowing a star image to trail across the sensitive plate with the driving clock stopped and measuring the distance of the impressed trail from an adjacent réseau line at two points symmetrically situated near opposite edges of the plate.

These adjustments, when once made, were found to possess all necessary stability, and have been occasionally verified when it has been necessary to dismount the object glass for cleaning, or otherwise displace any of the essential working parts.

The focal adjustment was selected so as to give the sharpest definition for stars at about 40 mm. distance from the centre of the plate, and was found to remain sufficiently permanent. The readings of the focussing scale (divided in millimetres) have, however, been slightly varied from time to time as follows :—

		mm.
1897 November 4.	Focus set at	21·5
1898 September 26.	,, altered to	21·0
1899 November 7.	,, ,, ,,	22·0
1902 February 14.	,, ,, ,,	21·0
1905 June 23.	,, ,, ,,	21·5
1906 September 5.	,, set at	22·0
1910 February 3.	,, altered to	21·5

(*b*) The Guiding Telescope.

The second or guiding telescope is of 10 inches aperture and the same focal length as the photographic telescope. Its breech end carries an eye-piece mounted on two slides at right angles to the axis of the telescope and to one another, so as

to extend the field of view accessible at any one setting of the instrument. These slides are adjusted respectively parallel and perpendicular to an hour circle. The centre of the field of view of the eye-piece is defined by cross spider webs mounted on a frame which travels with the eye-piece, while its position in relation to the field of the objective is ascertained by means of two verniers travelling with the eye-piece and reading against fixed scales divided in millimetres.

The readings on these scales, which correspond with the centre of the field of the telescope, are found to be subject to slight fluctuations though stationary over short intervals. They are accordingly ascertained from time to time by direct experiment. The scales are set to a reading at or near the estimated centre and the guiding telescope is then directed to a bright star, which is placed accurately at the intersection of the cross webs by means of the equatorial movements of the whole apparatus. A plate is then exposed in the photographic telescope and impressed with a réseau in the usual manner. If the scale readings have been correctly selected the image of the star should appear at the intersection of the central réseau lines. Its displacements from this position measured in millimetres in two directions at right angles, corresponding with the directions of the two eye-piece slides, determine the amounts by which the estimated readings require to be corrected.

In photographing any field, a suitable star within the field and not too far from the centre is selected, and its rectangular co-ordinates in millimetres in relation to the desired centre on an ideally adjusted plate are computed. The eye-piece is then displaced from its central position by amounts, measured on the eye-piece scales, which correspond with these rectangular co-ordinates, and previous to exposure of the plate the guiding telescope is directed so as to place the image of the guiding star in coincidence with the intersection of the cross webs.

This coincidence is maintained during exposure either by the clock movement or, if necessary, by slight hand corrections by means of a slow motion screw in declination and a differential gearing operating in the clock movement in right ascension.

(*c*) The Réseau.

The réseau consists of a sheet of silvered plate glass, of the same surface dimensions as the plates in use, on which two series of fine equi-spaced parallel lines have been engraved in a dividing engine, so as to remove the silvering along these lines. The two series of lines are respectively at right angles, and the lines of each series are spaced at intervals of 5 mm.

A photographic copy of the réseau is impressed on each plate by placing the plate in a special carrier, so that its sensitive surface is almost in contact with that

of the silvered surface of the réseau. The light from a small electric lamp, after being rendered parallel by passage through an object glass of 9 inches aperture, is then made to fall on the réseau and through the ruled apertures on to the sensitive film below.

The practice has been throughout to imprint the réseau either immediately before or immediately after exposing the plate in the main telescope.

In connection with the present programme, four different réseaux have been used, viz. :—

Gautier No. 51 from 1897 December 7 to 1899 July 11.
" " ? " 1899 July 12 to 1901 October 30.
" " 61 " 1901 October 30 to 1902 June 11.
" " 50 " 1902 June 12 till completion of work.

These réseaux are referred to hereafter as G 51, Gx, G 61, G 50, the distinguishing number originally engraved on the second of them having been obliterated before use.

The division errors of the scales of these réseaux have not been subjected to direct investigation. A careful investigation of the réseau G 8*, which is similarly ruled by the same maker and probably in the same dividing engine, indicated that a very high degree of precision could be expected in the ruling, while the indirect tests furnished by the agreement of the results derived from different plates which overlap in a complex manner have confirmed this sufficiently satisfactory result.

(*d*) The Plates.

Except during the interval 1903 July 8 to 1904 July 20, the plates in use have been the "Ilford Special Rapid" with three exposures of durations 6 m., 3 m., and 20 secs., the guiding telescope being displaced by 1 mm. to the North between exposures. Between the dates above mentioned "Ilford Monarch" plates were used and the exposures reduced by one-half. A return was, however, made to the Special Rapid plates on account of their finer grain.

The developer employed was Eikonogen-Hydroquinone previous to May 1901, and subsequently Amidol.

(*e*) The Measuring Apparatus.

The apparatus in use for measuring the plates has been described in detail in *Monthly Notices*, vol. lix., pp. 61–72. Two such instruments, distinguished hereafter as Micrometer I. and Micrometer II., have been employed.

The pairs of close webs which form the outer square are mounted on fixed frames, and the two further sets of close parallel webs on sliding frames, whose

* Gill and Jacoby, *Acta Societatis Scientiarum Fennicae*, xxiii, No. 5.

positions are governed by two micrometer screws, permitting motion of these sets of webs bodily in a direction perpendicular to their length.

The reticule admits of adjustments to ensure—

(1) that the opposite sides of the outer square shall be rendered strictly parallel and at a distance apart corresponding to the space traversed by either set of moving webs in 10 revolutions of the micrometer screw ;

(2) that the adjacent sides of the square shall be strictly perpendicular ;

(3) that the moving webs shall be strictly parallel to the corresponding sides of the square ;

(4) that the zero reading of the screws shall correspond exactly with 0 rev. or 10 rev. when the moving webs are brought into symmetrical coincidence with one or other of the sides of the fixed square.

The photographic plate is mounted on a stage beneath the microscope, which is carried on two slides at right angles to one another, so that any portion of the plate may be brought within the field of view of the microscope.

By sliding the microscope bodily in the direction of its axis, the focus may be adjusted so that the image of the plate is in the same plane as the reticule, and, by a similar motion of the objective alone, the scale of the image may be adjusted so that the distance between adjacent réseau lines corresponds with the length of the side of the outer square.

Further, the plate may be rotated in its carriage and the microscope rotated about its axis until both the réseau lines and the webs are parallel to the slides on which the plate carrier is mounted.

Thus a square of the réseau may be adjusted to coincidence with the outer square of fixed webs, while the two sets of moving webs are made to intersect symmetrically on a star image.

The readings of the micrometer screws then represent the rectangular co-ordinates of this star image expressed in screw revolutions, or tenths of a réseau interval, as unit, and referred to the sides of the fixed square which correspond with the readings 0 rev. as axes.

Except when the instruments have been dismantled for cleaning, their adjustments have remained remarkably steady and, with the exception of an occasional adjustment of the zero reading of the micrometer screws, when once made they could in general be left for months on end without further attention.

The change in zero reading, necessitating constant readjustment, was particularly noticeable in relation to the vertical screw of Micrometer II. about the middle of the year 1907. The slightly rounded conical point of the screw bears

with spring pressure against an agate plane. The tracing of a similar defect in another micrometer of like construction led to an examination of this end bearing in October 1907, when it was found that the jewel was split and that the sharp edges of the crack were exerting a grinding action on the point of the screw, giving rise to rapid wear. The end bearing was replaced temporarily by a hard steel disc and later in July 1908 the jewel was renewed.

(*f*) Errors of the Micrometer Screws.

An investigation of the errors of the micrometer screws is contained in Vol. I. It is there shown that, though the errors due to wear are considerable, their resultant effect on the mean of readings made in opposite orientations of the plate is negligible. Accordingly no corrections on this account have been applied to the observations.

§ III.—THE MEASUREMENT OF THE PLATES.

The plates before being passed for measurement were examined to ensure—

(1) that the photographic images were sufficiently sharp and round. Plates with markedly diffuse images, due to unfavourable atmospheric conditions, or with elongated images due to faulty guiding, were rejected ;

(2) that the region had been correctly identified. This was effected by a comparison of a few of the brighter stars with positions as catalogued in the C.P.D. ;

(3) that the guiding star appeared in its correct position with an error not exceeding 0′·5 in either co-ordinate ;

(4) that the réseau had been duly impressed with suitable intensity ;

(5) that there was a sufficiency of stars shown on the plate. As a rough test C.P.D. stars of mag. 9·0 should be shown by the third or 20 sec. exposure. In the revised series of plates the sufficiency of exposure was, however, frequently gauged by a comparison with the earlier series, taken on the same area, referred either to the same or to an adjacent centre ;

(6) that there were no other defects either of film or treatment, etc., which called for repetition of the plate.

The next operation was to mark with an ink mark on the back of the plate the stars which had been selected as standards. These stars were selected from the original series of plates and were designed to give an average of about ten stars

on each plate, distributed as uniformly as possible over the area of the plate, and of such magnitude as to give well-defined sharp images on the plates, while at the same time they should be not too faint for accurate observation with the meridian circle. The selected stars are those contained in the *Cape Catalogue of 8560 Astrographic Standard Stars for the Equinox 1900.*

The plate was then placed in the measuring machine, first with the edge marked "A" on the réseau at the top, or in a position corresponding with the "black scales." This implies that the numbering of the lines of the réseau square brought into the field of view could be read off by means of the black figures engraved on the indicating scales. The small indices reading against these scales admit of slight adjustment to adapt them to the particular setting of the plate, and the only further adjustment usually necessary is that for the orientation of the plate, in order to render the réseau lines strictly parallel to the slides on which the plate carrier moves, and to the fixed spider webs in the field of the microscope.

Two observers now take part in the work, one handling the instrument and the other acting as recorder, the observers alternately relieving one another.

The observer at the instrument starts with the row of squares contained between the lines numbered 55, 54 and sweeps these under the microscope in order, proceeding in the direction from 2 to 26 in the horizontal scale. When a square is reached containing images of one or more stars, this square is brought into exact coincidence or symmetry with the square of "fixed" webs contained in the field of view of the measuring microscope by means of the coarse motions governing the motion of the plate, and subsequently by means of the fine motions operating on the micrometer box. As a rule only the images resulting from the longest exposure (6^m) were measured. Exception was made in cases where this image was disfigured by a flaw on the plate or otherwise; in this case the second image was measured, and a reduction derived from comparison with neighbouring stars applied to reduce to the first-image system.

After adjusting the square the observer at the instrument reads off the numbers of the réseau lines of the square pointed on, *e.g.*,

$$54\text{–}55\,, \qquad 7\text{–}8\,,$$

and these are duly entered on a form by the recorder.

The observer then points the movable webs in turn on the image of each star contained within the square, proceeding in order from left to right in the field of view.

After each setting, the two micrometers are read by the observer, and an estimate of the diameter of the star-image is made. For the brighter stars this estimate is expressed in terms of the space between the close sets of parallel webs

contained in the micrometer as unit, and this forms a convenient means of discriminating the stars' magnitudes, but the method is not equally satisfactory for the fainter stars. Below a certain degree of brightness which yields a diameter corresponding with about ·6 of the unit involved, all stars give images of sensibly equal dimensions, but showing marked contrast in the degree of intensity. For such stars an estimate of the intensity of the image is recorded instead of a measurement of the diameter. Five different degrees of density have been recognised, and these have been indicated by the numbers -1, -2, -3, -4, -5. -1 indicates that the star image only just fails to attain the full density of the images of the brighter stars on the plate, and -5 refers to the faintest stars whose second images are distinctly visible.

The readings of the micrometers and the diameter are read out by the observer and duly entered by the recorder. Whenever a "standard" star is reached the observer and recorder temporarily change places, and measurements are made by both of them.

On completion of the row 54–55, the observer proceeds in like manner to sweep along the row 53–54 in similar order, viz., from 2 to 26 on the horizontal scale.

The same series of operations is continued until the whole plate has been covered, the two observers, however, changing places occasionally, but always, except temporarily for the standard stars, on the completion of a row.

The plate is then reversed in its carrier through 180° in orientation, *i.e.* set up in a convenient position for "red scale" readings. This implies that the numberings attached to the réseau lines now correspond with the red instead of the black figures on the indicating scales, and a new adjustment of the pointers and of the orientation of the plate is necessary.

The whole process of measurement is then repeated in the same order as before, but, of course, with reversed directions of motion, each observer measuring the same star images as before in the reversed position. The results of this second measurement are entered in convenient spaces in the recording form adjacent to those derived from the previous measurement.

It is evident that, since the sides of the squares are set to correspond with 0 rev. and 10 rev. of the micrometer screws, the sum of the readings taken in the two positions of the plate should, apart from errors of measurement, amount to exactly 10 revs. Whenever this sum in the first instance differed from 10 revs. by more than $0^{r}{\cdot}020$ ($=0''{\cdot}6$) the measures have been subjected to further examination, and, if no fault was immediately traceable, they have been discarded and the measures both in the "black scale" and the "red scale" positions repeated.

§ IV.—PRELIMINARY REDUCTION OF RECTANGULAR CO-ORDINATES.

The rectangular co-ordinates of each star image, referred to the central réseau lines as axes, may now be derived by a combination of the réseau readings with the micrometer equivalents, each being expressed in similar units. The unit at first adopted is the millimetre on the plate.

Denoting by R_1, R'_1, the micrometer readings, expressed in screw revolutions, for the two co-ordinates of a star at its first measurement and by R_2, R'_2 similar readings at the second measurement in the opposite orientation, we have

$$R_1+R_2=10^{\text{rev.}}-\theta \qquad R'_1+R'_2=10^{\text{rev}}-\theta'$$

where θ, θ' are small quantities not exceeding $0^r{\cdot}020$. If we refer the second measurements to the same origin as the first by subtracting each from 10 rev., we obtain as the equivalents of the readings R_1, R'_1 resulting from the second set of measures,

$$10^r-R_2=R_1+\theta \text{ and } 10^r-R'_2=R'_1+\theta'$$

whence, from the mean of the two measures, we derive as the rectangular co-ordinates of the star-image referred to the corner of the réseau square as origin and the revolution of the screws as unit

$$-(R_1+\tfrac{1}{2}\theta), \qquad R'_1+\tfrac{1}{2}\theta'$$

the sign of the former being reversed to correspond with the direction of increasing R.A.

We may convert these measures into millimetres by dividing by 2 since one revolution of the screw corresponds with half a millimetre on the plate. Further, adding the réseau equivalents I, I′, *i.e.* the rectangular co-ordinates in millimetres of the origin in the réseau square in relation to the origin at the intersection of the central réseau lines, we obtain the co-ordinates of the star images in millimetres by the formulæ

$$I-\tfrac{1}{2}(R_1+\tfrac{1}{2}\theta),\ I'+\tfrac{1}{2}(R'_1+\tfrac{1}{2}\theta')$$

or the equivalent formulæ, which have been used for control,

$$I-5+\tfrac{1}{2}(R_2+\tfrac{1}{2}\theta),\ I'+5-\tfrac{1}{2}(R'_2+\tfrac{1}{2}\theta')$$

where I, I′ are given by the following table of réseau equivalents :—

Réseau Equivalents for Vertical Scale (I).

Lines.	Equivalent.	Lines.	Equivalent.	Lines.	Equivalent.	Lines.	Equivalent.
31–32	+60	37–38	+30	43–44	0	49–50	−30
32–33	+55	38–39	+25	44–45	− 5	50–51	−35
33–34	+50	39–40	+20	45–46	−10	51–52	−40
34–35	+45	40–41	+15	46–47	−15	52–53	−45
35–36	+40	41–42	+10	47–48	−20	53–54	−50
36–37	+35	42–43	+ 5	48–49	−25	54–55	−55

Réseau Equivalents for Horizontal Scale (I′).

Lines.	Equivalent.	Lines.	Equivalent.	Lines.	Equivalent.	Lines.	Equivalent.
2–3	+55	8–9	+25	14–15	− 5	20–21	−35
3–4	+50	9–10	+20	15–16	−10	21–22	−40
4–5	+45	10–11	+15	16–17	−15	22–23	−45
5–6	+40	11–12	+10	17–18	−20	23–24	−50
6–7	+35	12 13	+ 5	18–19	−25	24–25	−55
7–8	+30	13 14	0	19 20	−30	25 26	−60

Finally, it is necessary to express the co-ordinates in units which correspond more accurately with a minute of arc at the centre of the plate. A preliminary determination of the scale equivalent of the plates, depending on the focal length of the telescope, showed that one millimetre on the plate is less than a minute of arc by one part in 300. The rectangular co-ordinates derived as above have therefore all been diminished by $\frac{1}{300}$th part of themselves, and the final formulæ for the rectangular co-ordinates derived from the measurement are

$$x = I - \tfrac{1}{2}(R_1 + \tfrac{1}{2}\theta) - \tfrac{1}{300}[I - \tfrac{1}{2}(R_1 + \tfrac{1}{2}\theta)]$$
$$y = I + \tfrac{1}{2}(R'_1 + \tfrac{1}{2}\theta') - \tfrac{1}{300}[I' + \tfrac{1}{2}(R'_1 + \tfrac{1}{2}\theta')]$$

A specimen of the computation form used is appended.

Measures of Co-ordinates—Catalogue Plates.

Plate 5100. Date, 1898 November 9. Réseau G. 51. Measurers, B. R.

δ [illegible].	Vertical.					Horizontal.				α_0 0h 5m.
No. Notes.	Intervals.	Black. 10 Sum Red.	Line. Equivalent. ½ Mean.	Sum. Sum ÷ 300. x.	Plate Corrections. x_c.	Black. 10 Sum. Red.	Line. Equivalent. ½ Mean.	Sum. Sum ÷ 300. y.	Plate Corrections. y_c.	C.P.D. No. C.P.D. Mag. Mean Diam.
1	2	3	4	5	6	7	8	9	10	11
5	1·6	9·201	53, 54	−54·599	− 064	4·145	15, 16	− 7·929	+ 064	43 9811
		− 9	−50	182	− 3	− 5	−10	26	− 6	8·6
*	1·7	0·808	− 4·599	−54·417	−54·484	5·860	+ 2·071	− 7·903	− 7·845	1·65
162	1·2	4·698	31, 32	+57·652	+ 022	0·041	9, 10	+20·020	+ 027	42° 18
		− 4	+60	192	+ 7	− 4	+20	67	+ 15	8·4
‡	1·3	5·306	− 2·348	+57·460	+57·489	9·963	+ 0·020	+19·953	+19·995	1·25

In the first column are entered any notes made by the observer, usually by means of convenient symbols, and space is left for the entry of a rotation number following the order of the x co-ordinate throughout the plate.

Column 2 contains the measures of the diameters or estimates of density of images as the case may be.

The micrometer readings R_1, R_2 are entered in the third column under the precepts "Black," "Red," and the quantity θ is inserted between them.

In the fourth column are entered the numbers of the réseau lines corresponding with the vertical or right ascension co-ordinate of the star image, and beneath them the equivalent of these readings in millimetres. Beneath this again is entered the quantity $-\frac{1}{2}(R_1+\frac{1}{2}\theta)$ derived from the two first entries in column 3.

The fifth column contains the sum of the last two entries in the preceding column taken algebraically, viz. the quantity $I-\frac{1}{2}(R_1+\frac{1}{2}\theta)$, and beneath it the quotient obtained by dividing it by 300. The numerical difference of these two quantities gives the co-ordinate x which is then inserted beneath them.

Columns 7, 8, 9, for the computation of the co-ordinate y, correspond exactly with columns 3, 4, 5. Columns 6 and 10 serve for the application of "plate constant" corrections derived in a manner to be hereafter explained.

The final column gives the number and magnitude of the star as identified in the C.P.D. and the mean diameter derived from the entries in column 2.

§ V.—CORRECTIONS FOR REFRACTION AND ABERRATION.

The corrections for differential refraction, as affecting the rectangular co-ordinates of star images on photographic plates, have been very fully developed by Kapteyn (*Bulletin du Comité Permanent*, t. iii, p. 71).

The significant terms may be expressed as follows :—

$$\Delta x = ax + by$$
$$\Delta y = Ax + By$$

where, with sufficient accuracy,

$$a = k' \sec^2 q$$
$$b = k' \tan q\,(\tan p - \tan \delta)$$
$$A = k' \tan q\,(\tan p + \tan \delta)$$
$$B = k' \sec^2 p$$

p, q being defined by the equations

$$\tan p = \tan \zeta \cos \omega$$
$$\tan q = \tan \zeta \sin \omega$$

where ζ, ω, δ denote respectively the zenith distance, parallactic angle and declination of the centre of the plate and k' is the constant of refraction, dependent on the readings of the barometer and thermometer.

It is convenient to divide each of these expressions for Δx, Δy into three parts as follows :—

$$\Delta x = [\mathrm{B}x] + [by] + [(a - \mathrm{B})x]$$
$$\Delta y = [\mathrm{B}y] - [bx] + [(\mathrm{A} + b)x]$$

Now the terms $[\mathrm{B}x]$, $[\mathrm{B}y]$ in Δx, Δy are evidently equivalent in effect to a variation of the scale equivalent of the réseau, while the second terms $[by]$, $[bx]$ are equivalent to a small change in the orientation of the axes of reference.

Hence we may ignore these terms provided we derive the instantaneous scale equivalent of the réseau and its orientation from the internal evidence afforded by the measures of star images independently for each plate.

The corrections expressed by the remaining terms are, however, of a different character and indicate a distortion of the field of view as represented on the plate.

Hence if we put

$$\alpha = a - \mathrm{B} = k' (\sec^2 q - \sec^2 p) = -k' \tan^2 \zeta \cos 2\omega$$
$$\beta = \mathrm{A} + b = 2k' \tan p \tan q = k' \tan^2 \zeta \sin 2\omega$$

the distortional parts of the refraction, which need alone concern us, are given by

$$\Delta x = \alpha x, \qquad \Delta y = \beta x.$$

Since α, β both contain $\tan^2\zeta$ as a factor, and all the plates have been taken at small zenith distances, these corrections will always be small. They have been computed with a mean value of k' corresponding to average atmospheric conditions, as functions of the declination and hour angle of the plate centre at the middle of exposure. Within the limits of accuracy sought their variations, even for extreme atmospheric conditions, are quite insensible. The values used for plates with centres on the declination circle -43° are contained in the following table.

Refraction Table. ($\delta = -43^\circ$).

Hour Angle of Plate Centre.		α.	β.
h	m		
0	0	− ·000007	+ ·000000
0	20	− ·000005	+ ·000007
0	40	− ·000001	+ ·000013
1	0	+ ·000008	+ ·000018
1	20	+ ·000021	+ ·000022
1	40	+ ·000037	+ ·000024
2	0	+ ·000057	+ ·000024

The signs quoted are those appropriate for western hour-angles. For eastern hour-angles the sign of β must be reversed.

The expressions given by Kapteyn for the differential effects of aberration show that the principal parts of the aberration are equivalent in effect to a small variation

in the scale and orientation of the plate. The outstanding effects are of the second order in relation to the co-ordinates, and will be quite insensible for plates of the dimensions used. Thus the corrections due to aberration may be regarded as absorbed in those due to the scale and orientation of the plate.

§ VI.—COMPUTATION OF TABULAR CO-ORDINATES OF THE STANDARD STARS.

The tabular positions of the comparison stars used for the standardisation of the plates are contained in the *Cape Catalogue of* 8560 *Astrographic Standard Stars,* derived from meridian observations made with the transit circle during the years 1896–1899 inclusive.

For convenience in computation the star places were all referred to the epoch 1900·0 by means of the catalogue proper motions, zero values, however, being assigned to these proper motions where no determination was included in the catalogue.

The rectangular co-ordinates, together with their annual variations on account of proper motion, referred to ideal plate centres, were then computed by means of the formulæ given by Jacoby,* retaining terms as far as the third order. To facilitate this computation, auxiliary tables were prepared for each zone of plate centres. The tables used for zone $-43°$ are given on p. xviii.

The tables have been derived from a slight modification of Jacoby's formulæ, involving the declination of the star (δ) instead of that of the plate centre.

In Jacoby's notation the quantities contained in the tables represent the terms

Table A	. .	$(\frac{1}{2}\Delta\alpha\Delta\delta^2 \sin^2 1'' + A'_2\Delta\alpha^3)\cos\delta$,
Table B	. .	$D'_1\Delta\alpha^2$,
Table C	. .	$D'_2\Delta\alpha^2\Delta\delta + D'_3\Delta\delta^3$;

whence, $\Delta\alpha$, $\Delta\delta$, which denote the differences of the R.A. and declination of the star from those of the plate centre, being expressed in minutes of arc

$$x = \Delta\alpha \cos\delta \pm \text{Table A (with sign of } \Delta\alpha),$$
$$y = \Delta\delta - \text{Table B} \pm \text{Table C (with sign of } \Delta\delta).$$

The arguments involved in these tables will be apparent with the exception of the vertical argument in Table C. The argument here used and denoted by "B correction" is the quantity derived in the previous entry from Table B. The term $\Delta\alpha \cos\delta$ in x was computed with five figure logarithms.

* *Bulletin du Comité International Permanent*, t. iii., p. 3.

Table A. Unit 0′·001.

Δδ / Δα cos δ.	0′	10′	20′	30′	40′	50′	60′	Δδ. / Δα cos δ.
0′	0	0	0	0	0	0	0	0′
10	0	0	0	0	1	1	2	10
20	0	0	0	1	2	2	3	20
30	0	0	1	2	3	4	5	30
40	1	1	2	3	4	5	7	40
50	2	2	3	4	5	7	9	50
60	3	3	5	6	7	9	12	60

Table B.

Δα.	0	1′	2′	3′	4′	5′	6′	7′	8′	9′	Δα.
0′	·000	·000	·000	·001	·001	·002	·003	·004	·005	·006	0′
10	·007	·009	·010	·012	·014	·016	·019	·021	·023	·026	10
20	·029	·032	·035	·038	·042	·045	·049	·053	·057	·061	20
30	·065	·070	·074	·079	·084	·089	·094	·099	·105	·110	30
40	·116	·122	·128	·134	·140	·147	·153	·160	·167	·174	40
50	·181	·189	·196	·204	·211	·219	·227	·236	·244	·252	50
60	·261	·270	·279	·288	·297	·306	·316	·326	·335	·345	60
70	·355	·365	·376	·386	·397	·408	·419	·430	·441	·452	70
80	·464	·476	·487	·500	·512	·524	·536	·549	·561	·574	80

Table C. Unit 0′·001.

Δδ. / B Corr.	0′	10′	20′	30′	40′	50′	60′	Δδ. / B Corr.
·00	0	0	0	1	2	3	6	·00
·10	0	0	0	1	2	4	6	·10
·20	0	0	0	1	2	4	6	·20
·30	0	0	0	1	2	4	7	·30
·40	0	0	0	1	2	4	7	·40
·50	0	0	0	1	2	4	7	·50

With all necessary precision for zones so remote from the pole, the annual variations of x and y are expressed in minutes of arc as follows—

$$\mu_x = \tfrac{1}{4}\mu_\alpha \cos\delta, \quad \mu_y = \tfrac{1}{240}\mu_\delta,$$

where μ_α, μ_δ are the annual proper motions as contained in the catalogue, expressed in seconds of time and arc respectively.

§ VII.—DETERMINATION OF PLATE-CONSTANTS.

After applying to the co-ordinates, as measured on the plates, corrections on account of the distortional effects of differential refraction, it is necessary further to correct the measures on account of the imperfections in centring and orientation of the réseau and variations in the scale. For this purpose, it is necessary to introduce for each plate four additional constants, a, b, S, P, the corrections being expressible by means of the formulæ—

$$\Delta x = a + Sx - Py,$$
$$\Delta y = b + Px + Sy.$$

The quantities a, b here denote the corrections for errors in centring, S denotes a scale correction, and P an orientation correction, the two latter including parts due to the effects of differential refraction and aberration not otherwise allowed for.

The measured co-ordinates, after application of all the corrections, take the form

$$x + a + (S + \alpha)x - Py$$
$$y + b + (P + \beta)x + Sy.$$

The quantities a, b, S, P have now to be determined by a comparison of the measures with the computed co-ordinates of the standard stars derived from the meridian observations. Denoting as above the uncorrected photographic co-ordinates by x, y, and the corresponding co-ordinates derived from meridian observations for the epoch 1900 by x_m, y_m, the true co-ordinates at the epoch $(1900 + t)$ of the plate, apart from accidental errors of measurement, may be expressed in either of the forms

$$x + a + (S + \alpha)x - Py, \; y + b + (P + \beta)x + Sy$$

or

$$x_m + \mu_x t, \; y_m + \mu_y t.$$

Equating the corresponding expressions and writing for brevity

$$x_m - x + \mu_x t - \alpha x = m,$$
$$y_m - y + \mu_y t - \beta x = n,$$

each standard star will yield a pair of equations of condition of the form

$$a + Sx - Py = m,$$
$$b + Px + Sy = n.$$

The values of a, b, S, P for each plate have been derived by combining the series of the equations derived from all the standard stars on the plate by the method of least squares, giving each of the equations equal weight.

The least square solution may be somewhat simplified as follows :—

Denote by X, Y the co-ordinates of the centre of gravity of the standard stars on the plate so that $X = \frac{1}{\nu}\Sigma x$, $Y = \frac{1}{\nu}\Sigma y$, Σ denoting summation with respect to all the standards, and ν denoting their number.

Then if we put

$$x - X = \xi, \qquad y - Y = \eta$$
$$A = a + SX - PY, \; B = b + PX + SY,$$

so that

$$\Sigma\xi = 0, \qquad \Sigma\eta = 0,$$

the equations of condition take the form

$$A + S\xi - P\eta = m$$
$$B + P\xi + S\eta = n.$$

In virtue of the conditions $\Sigma\xi = 0$, $\Sigma\eta = 0$, the normal equations formed from the combination of these equations take the simple forms

$$\nu A = \Sigma m,$$
$$\nu B = \Sigma n,$$
$$\Sigma(\xi^2 + \eta^2)S = \Sigma(m\xi + n\eta),$$
$$\Sigma(\xi^2 + \eta^2)P = \Sigma(n\xi - m\eta).$$

The two latter give the values of S and P, each with weight

$$\Sigma(\xi^2 + \eta^2),$$

and the two former A and B, each with weight ν.

a, b are then derived from the formulæ

$$a = A - SX + PY,$$
$$b = B - PX - SY.$$

As an illustration take the case of a plate exposed on 1905 Dec. 5 on the region whose centre is at $4^h\ 55^m$ R.A. on the declination circle $-43°$. The sidereal time at the middle of the exposure was $4^h\ 15^m$.

From these data the refraction constants are derived as follows :—

$$\alpha = -\cdot000001, \; \beta = -\cdot000013.$$

The plate contains 10 standard stars, the measured co-ordinates of which together with the computed corrections for the distortional parts of the refraction are :—

Catalogue No. of Star.	x.	y.	αx.	βx.
			′	′
1638	−46·310	−10·808	...	+ 0·001
1640	−45·608	+26·349	...	+ 0·001
1648	−16·586	−35·280	...	...
1649	−16·186	+ 4·880	...	...
1650	−13·653	+51·623	...	...
1659	− 4·457	+31·717	...	...
1672	+30·538	+50·938	...	...
1683	+47·258	−39·241	...	− 0·001
1687	+53·780	+21·308	...	− 0·001
1688	+53·206	−19·920	...	− 0·001
	$X = +\ 4·198$	$Y = +\ 8·157$		

The co-ordinates computed from the meridian observations, together with their reductions on account of proper motion to the epoch of the photographic exposure, are :—

Catalogue No. of Star.	x_m.	y_m.	$\mu_x t$.	$\mu_y t$.
1638	−46′·160	−10′·863	−0′·001	−0′·007
1640	−45·475	+26·322	+0·010	+0·001
1648	−16·414	−35·337	−0·003	−0·004
1649	−16·018	+ 4·860	+0·010	−0·001
1650	−13·517	+51·632	...	−0·001
1659	− 4·289	+31·713	+0·006	...
1672	+30·710	+50·956	+0·004	+0·005
1683	+47·473	−39·277	...	...
1687	+53·970	+21·328	−0·006	−0·003
1688	+53·405	−19·938	...	+0·002

From these data we derive the co-efficients and absolute terms of the equations of condition :—

Catalogue No. of Star.	Co-efficients.		m.	n.
	ξ.	η.		
1638	− 51	− 19	+0′·149	−0′·063
1640	− 50	+ 18	0·143	−0·027
1648	− 21	− 43	0·169	−0·061
1649	− 20	− 3	0·178	−0·021
1650	− 18	+ 43	0·136	+0·008
1659	− 9	+ 24	0·174	−0·004
1672	+ 26	+ 43	0·176	+0·023
1683	+ 43	− 47	0·215	−0·035
1687	+ 50	+ 13	0·184	+0·018
1688	+ 49	− 28	+0·199	−0·015
			$A = +0·172$	$B = -0·018$

whence

$$\Sigma(\xi^2 + \eta^2) = 23752,$$
$$\Sigma(m\xi + n\eta) = +13·83,$$
$$\Sigma(n\xi - m\eta) = +9·17,$$

and therefore

$$A = +0''·172,\ B = -0''·018,\ S = +·000582,\ P = +·000392,$$
$$a = A - SX + PY = +0''·173,\ b = B - PX - SY = -0''·024.$$

Applying the corrections as now derived to the measured co-ordinates we find the final values of the photographic co-ordinates as follows :—

Catalogue No. of Star.	x.	y.	Δx.	Δy.
			′	′
1638	−46·161	−10·856	− 0·001	+ 0·007
1640	−45·472	+26·323	+ 0·003	+ 0·001
1648	−16·409	−35·330	+ 0·005	+ 0·007
1649	−16·025	+ 4·853	− 0·007	− 0·007
1650	−13·508	+51·624	+ 0·009	− 0·008
1659	− 4·299	+31·709	− 0·010	− 0·004
1672	+30·709	+50·955	− 0·001	− 0·001
1683	+47·474	−39·270	+ 0·001	+ 0·007
1687	+53·976	+21·316	+ 0·006	− 0·012
1688	+53·418	−19·936	+ 0·013	+ 0·002

The two final columns give the residuals obtained by comparing the corrected photographic co-ordinates with those computed from meridian observations. From the sum of their squares we derive as the probable error corresponding to unit weight (*i.e.* that of a single equation of condition)

$$\pm 0'·0051 = \pm 0''·31.$$

The corresponding result derived from a large number of plates amounts to about $\pm 0''·32$. The errors herein involved arise partly from the accidental errors of the photographic measures and partly from those of the meridian co-ordinates. Assuming that the probable errors of the meridian co-ordinates, including parts due to proper motion, amount to $\pm 0''·20$ it follows that the probable accidental error of measurement of a single co-ordinate as derived from the photographs is

$$\pm \sqrt{(0''·32)^2 - (0''·20)^2} = \pm 0''·25.$$

To facilitate the application of plate-constant corrections auxiliary tables were prepared for each plate giving the values of

I. $\alpha + (S+\alpha)x$, (arg : x)
II. $-P_y$, (arg : y)
III. $b + (P+\beta)x$, (arg : x)
IV. $+S_y$, (arg : y)

The quantities I and II corresponding with each star were then inserted in column 6 of the form on p. xiv., and the quantities III and IV in column 10. The final co-ordinates x, y entered in the same columns are obtained by applying these corrections to the entries x, y in the columns immediately preceding.

The co-ordinates as thus derived are the rectangular co-ordinates contained in the present volume. The actual values of the plate constants used are given in the table on p. xxx.

§ VIII.—INTERCOMPARISON OF PLATES.

The results derived from different plates might be compared by referring them all to some common system of co-ordinates, *e.g.* right ascensions and declinations. The necessary transformations are, however, laborious, while the direct transformation from one rectangular co-ordinate system to another, corresponding with a different plate-centre, affords many facilities in manipulation. It is thus convenient to adopt as a system of reference, for comparison of results derived from the overlapping portions of two plates, the rectangular co-ordinate system of one or other of the two plates concerned.

The formulæ necessary for the transformation are derived in the Introduction to vol. i., p. xxxi.

Denote by x_0, y_0 the co-ordinates of a star image on a plate whose centre corresponds with the point (α_0, δ_0) on the sky, and by x_1, y_1 co-ordinates which the same star would have if the plate centre were transferred to the point (α_1, δ_1).

Then if

$$\delta_1 = -44^\circ,\ \delta_0 = -43^\circ,\ \alpha_0 - \alpha_1 = \pm 5 \text{ mins.}$$

$$x_1 = x_0 \pm 54'{\cdot}8624 + {\cdot}000290\,x_0 \pm {\cdot}015162\,y_0 \pm {\cdot}00000456\,x_0^2 + {\cdot}00000518\,x_0 y_0 \pm {\cdot}00000008\,y_0^2 + \ldots$$

$$y_1 = y_0 + 59'{\cdot}5978 \pm {\cdot}014886\,x_0 + {\cdot}000317\,y_0 - {\cdot}00000007\,x_0^2 \pm {\cdot}00000449\,x_0 y_0 + {\cdot}00000511\,y_0^2 + \ldots$$

These formulæ enable us to transform the co-ordinates as derived from plates with centres on the declination circle -43° so as to render them strictly comparable with those derived by direct measurement from plates on the adjacent zone -44°.

Their use may be facilitated by the preliminary formation of auxiliary tables. For example, tables are prepared giving the values of

$$A_1 = 54'{\cdot}8578 + {\cdot}015162\,y_0$$

and of

$$B_1 = 59'{\cdot}5915 + {\cdot}014886\,x_0$$

with arguments y_0, x_0 respectively,—and secondly of the expressions

$$A_2 = +0'{\cdot}0046 + {\cdot}000290\,x_0 + {\cdot}00000456\,x_0^2 + {\cdot}00000518\,x_0 y_0 + {\cdot}00000008\,y_0^2$$

$$B_2 = +0'{\cdot}0063 + {\cdot}000317\,y_0 - {\cdot}00000007\,x_0^2 + {\cdot}00000449\,x_0 y_0 + {\cdot}00000511\,y_0^2$$

with the double arguments x_0, y_0. For converting from a plate-centre in -43° to the plate-centre in -44°, preceding by 5 mins., we then have

$$x_1 = x_0 + A_1 + A_2, \quad y_1 = y_0 + B_1 + B_2.$$

Small constant parts have been included in the expressions for A_2, B_2 and subtracted from the constant parts in the expression for A_1, B_1 in order to avoid ambiguities in sign.

The double interpolation necessary to derive the quantities A_2, B_2 may be more conveniently effected graphically by plotting on squared paper the hyperbolas represented by

$$A_2 = \pm 0'{\cdot}0005, \quad A_2 = \pm 0'{\cdot}0015, \quad A_2 = \pm 0'{\cdot}0025, \text{ etc.}$$

$$B_2 = \pm 0'{\cdot}0005, \quad B_2 = \pm 0'{\cdot}0015, \quad B_2 = \pm 0'{\cdot}0025, \text{ etc.}$$

Tables for reducing x and y on −43° Plates to overlap on −44° Plates.

A_1.

y.	0′	1′	2′	3′	4′	5′	6′	7′	8′	9′	y.
− 0′	54′·858	·843	·827	·812	·797	·782	·767	·752	·737	·721	− 0′
10	·706	·691	·676	·661	·646	·630	·615	·600	·585	·570	10
20	·555	·539	·524	·509	·494	·479	·464	·448	·433	·418	20
30	·403	·388	·373	·357	·342	·327	·312	·297	·282	·267	30
40	·251	·236	·221	·206	·191	·176	·160	·145	·130	·115	40
50	54·100	·085	·069	·054	·039	·024	54·009	53·994	·978	·963	50

A_2 Unit 0′·001.

y. \ x.	−10′	0′	10′	20′	30′	40′	50′	60′	x. / y.
− 0′	8	5	2	1	0	0	1	4	− 0′
10	8	5	3	2	1	2	4	7	10
20	7	5	3	3	3	4	7	10	20
30	7	5	4	4	5	7	9	13	30
40	6	5	4	5	6	9	12	16	40
50	6	5	5	6	8	11	15	19	50
−60	5	5	6	7	10	13	17	23	−60

B_1.

x.	0′	1′	2′	3′	4′	5′	6′	7′	8′	9′	x.
0′	59′·592	·606	·621	·636	·651	·666	·681	·696	·711	·725	0′
10	·740	·755	·770	·785	·800	·815	·830	·845	·859	·874	10
20	59·889	·904	·919	·934	·949	·964	·979	·993	60·008	·023	20
30	60·038	·053	·068	·083	·098	·113	·127	·142	·157	·172	30
40	·187	·202	·217	·232	·246	·261	·276	·291	·306	·321	40
50	60·336	·351	·366	·380	·395	·410	·425	·440	·455	·470	50

B_2 Unit 0′·001.

y. \ x.	−10′	0′	10′	20′	30′	40′	50′	60′	x. / y.
− 0′	6	6	6	6	6	6	6	6	− 0′
10	3	4	4	5	5	5	6	6	10
20	1	2	3	4	5	6	6	7	20
30	0	1	3	4	5	7	8	9	30
40	0	2	4	5	7	9	11	12	40
50	1	3	6	8	10	12	14	16	50
−60	3	6	8	11	14	16	19	22	−60

Any point x_0, y_0 in the plane of these curves will then lie between a pair of the curves belonging to either series, and the corresponding values of A_2 or B_2 may be immediately read off to the nearest unit of the third decimal place, or if necessary roughly interpolated to the fourth decimal place, by reference to the numbers inserted in the spaces, *e.g.* the space between $A_2 = +'{\cdot}0025$ and $A_2 = +'{\cdot}0035$ in the A-diagram will be numbered 3, that between $B_2 = +'{\cdot}0065$ and $B_2 = +'{\cdot}0075$ in the B-diagram will be numbered 7.

The quantities thus obtained will always be small and can be applied at sight as corrections to the quantities A_1, B_1 as the latter are extracted from the tables.

The tables in an abridged form are given on p. xxiv.

§ IX.—CONTROL OBSERVATIONS.

By the methods of the preceding section the co-ordinates of each star image have been reduced to the system of co-ordinates of at least one other overlapping plate and verified, where possible, by comparison with the results obtained by direct measurement on the latter.

The sub-zone to the north was considered the normal overlap for stars of y plus and that to the south for stars of y minus.

Stars whose positions were originally measured on one plate, but which were not represented among those measured on the overlapping plate, were, in the first instance, marked with the symbol M or m, to denote 'missing'. The capital letter implies that the overlapping area which was examined for verification preceded in R.A., the small letter that it was in following R.A.

Where these symbols have been retained in the final tables of rectangular co-ordinates, it should be understood that the positions quoted represent isolated observations of the stars concerned, unsupported by additional evidence from overlapping areas. Two plates of the 42° or 44° zones may overlap the 43° plate when the x co-ordinate on the latter is less than $\pm 6'{\cdot}1$, and although M or m is retained the measures may have been verified by comparison with one of the plates.

In the case of the fainter stars no systematic attempt has been made at further verification, but the brighter stars have been subjected to additional examination by reference back to the plates.

No attempt has yet been made to convert the measures of diameter or estimates of intensity of the photographic images into a uniform scale of magnitude, and these measures or estimates themselves are accordingly quoted in the tables.

The quantity D quoted in the heading for each plate or at the head of column 4 on each page in the tables of rectangular co-ordinates is, however, roughly estimated as the diameter (or intensity) which corresponds with a magnitude of 11·0 on the C.P.D. scale; it further represents the limiting diameter on the plate for which a systematic attempt at verification has been made.

For all stars whose images attain or exceed this limiting intensity, and for fainter stars which have been examined, the original symbols M or *m* have been replaced by one or other of the following: A, B, C, D, E, F, *a*, *b*, *c*, *d*, *e*, *f*, α, β, γ, δ. The capital letters refer to an overlapping area whose centre precedes that of the plate under investigation, and the small letters to one which follows.

A or *a* indicates, that although the star was fainter than the limiting magnitude retained on the overlap, two images (1st and 2nd exposures) could be traced there in the required position.

B or *b* that the first image was visible, but that the second could not be seen.

C or *c* that the existence of the star image on the overlap could not be verified with certainty on account of the proximity of a réseau line, faults in the film, or similar causes.

D or *d* that no trace of a star image could be seen.

In cases marked C, *c* or D, *d*, the existence of the star image on the original plate has been verified, and the measures and reductions carefully re-examined.

The symbols α, β, γ, δ, with a similar significance to A, B, C, D, or *a*, *b*, *c*, *d*, have been used where the position of the star image on the overlapping area lies on the margin outside the usual limits of measurement.

The symbols E, *e* indicate that measures of a star, not represented on the normal quadrantal overlap, have been found on the marginal overlap of an adjacent plate in the same zone of declination, but of different R.A.

In like manner, the symbols F, *f* indicate that the existence of the star has been verified and its co-ordinates checked from the marginal areas of a plate whose centre is in the opposite direction in declination from that of the normal quadrantal overlap on which verification was first sought.

In cases marked E, *e* or F, *f* no further verification by reference to the plates themselves has been considered necessary.

§ X.—PERSONAL.

The work here dealt with was planned and commenced under the direction of Sir David Gill, who retired from the directorship of the Observatory on 20th February 1907. Since this date the work has been continued under my directorship on similar lines.

The distribution of the work amongst the permanent and temporary members of the staff has been as follows.

The revised series of catalogue plates dealt with in this volume was commenced in 1897, under the supervision of Mr J. Lunt, B.Sc. After September 1898, Mr Lunt was transferred exclusively to the Astrophysical Department, and the control of the photography and development placed in charge of Mr C. R. Woods. On his retirement in 1901 March, Mr Woods was succeeded by Mr R. Woodgate, who has continued to supervise the photography till its completion.

As a rule, the development of the plates was performed by these officers, but several computers have also assisted in the exposure at the telescope, and occasionally in the developing room.

In the table giving particulars of the separate plates, the name of the observer at the telescope is indicated by initials, to be interpreted as follows :—

Banks, E. H.	1899 Sept. 14–25, 1902 Jan. 9–Apr. 25,	E.B.	3
Bergh, F. E.	1901 Sept. 19,	F.B.	1
Gummer, W. A.	1901 July 18–1902 Nov. 18,	W.G.	5
Hough, S. S.	...	H.	...
Jackson, J. W.	1904 Feb. 29–end of work,	J.J.	4
Jeffries, C. W.	1903 Mar. 19–1904 Dec. 23,	J.	2
Johns, G. F.	1899 Sept. 16–1901 Jan. 17,	G.J.	56
Lunt, J.	1898 Jan. 5–July 29,	J.L.	...
Mullis, H. F.	1901 Sept. 17–1904 Mar. 16,	M.	14
Whittingdale, W.	1902 May 27–1903 Jan. 14,	W.W.	...
Wilkin, A. J.	1901 Feb. 1–1901 May 22, 1901 Nov. 8–Dec. 30,	A.W.	...
Woodgate, R.	1901 Mar. 9–end of work,	W.	28
Woods, C. R.	1897 Dec. 9–1900 Nov. 9,	C.W.	31

The distribution of the work for the zone −43° is indicated by the number of plates given in the last column.

The measurement of the plates was conducted by a staff of lady computers under the control of Miss M. Bowman from the commencement until 1902 March 27, and subsequently under the control of Miss E. van der Lingen. The same computers have throughout assisted in the more routine parts of the reductions and in the very heavy clerical work involved in preparing the work for press. The

following is a list of those who have taken part in the measurement, together with the initials by which they are referred to in the table on pp. xxx–xxxii and in the Catalogue :—

Miss M. Backwell	M.B.	1905 Sept. 1–1911 Nov. 30.
„ M. Bergh	S.B.	1899 July 1–1902 Mar. 31.
„ L. Berry	L.B.	1903 May 16–1903 Dec. 31.
„ M. Bowman	B.	1897 Jan. 16–1902 Mar. 27.
„ M. Coates	M.C.	1902 Sept. 1 . . .
„ N. Crosby	C.	1904 Apr. 1–1905 Nov. 15. 1906 Apr. 1 . . .
„ M. Eedes	E.	1899 Nov. 6–1902 Mar. 31.
„ C. Halkett	C.H.	1897 Nov. 1–1900 Feb. 28.
Mrs Holtzer	H.	1899 May 19–1900 Sept. 30.
Miss J. Hutcheon	J.H.	1899 Feb. 6–1902 Mar. 31.
„ M. Jackson	M.J.	1904 Dec. 1–1905 Feb. 25.
„ N. Maclear	N.M.	1902 Oct. 1–1904 Mar. 31. 1906 Mar. 1–1909 June 30.
Mrs Rolls	R.	1898 Sept. 19–1898 Dec. 31.
Miss E. Speight	S.	1899 Feb. 1–1902 Mar. 31.
„ M. Stephens	M.S.	1897 July 1–1899 Jan. 31. 1902 Aug. 1 . . .
„ E. Straith	E.S.	1901 Sept. 9–1907 Feb. 28.
„ H. Twamley	T.	1906 Jan. 1–1911 Aug. 31.
„ E. Van der Linde	L.	1902 Mar. 1–1911 Sept. 30.
„ E. Warren	E.W.	1900 Oct. 1–1901 July 31.

Misses Beattie, Carney, Duncan, Ness, Sampson, and Wilson have assisted in the reductions but have taken no part in the measurement.

The examination of the reductions, the computation of plate-constants, the preparation of the results for press, the onerous intercomparison and examination of overlapping areas have been supervised by Mr J. Power, who has been indefatigable in his endeavours to accelerate the work and to secure the greatest accuracy in detail. In addition to clerical assistance from the lady computers mentioned above, the following computers, acting immediately under Mr Power's control, have from time to time taken part in the computational work :—

Mr E. H. Banks.
„ R. W. Cheeseman.
„ A. Cochrane.
„ D. De Korte.
„ R. Fowler.
„ H. Garrett.
„ A. W. Goatcher.
„ W. Gummer.
„ J. W. Jackson.
„ C. W. Jeffries.
„ G. F. Johns.
Mr M. Meldrum.
„ H. F. Mullis.
„ J. A. J. Pead.
„ J. H. Peirce.
„ F. H. Scragg.
„ J. A. Simpson.
„ W. Whittingdale.
„ A. J. Wilkin.
„ F. H. Williams.
„ R. Williams.
„ J. C. Wood.

The examination of the plates for discordant or missing stars on overlapping areas has been conducted by Messrs Whittingdale and Wilkin.

The identification of the C.P.D. stars in the present volume has been performed by Mr Woodgate with assistance from Messrs Jackson and Fowler.

§ XI.—LIST OF PLATES.

The following table gives details of the separate plates dealt with in this volume.

Column 1 gives the rotation number in the zone and column 2 the R.A. of the centre of the plate.

Column 3 gives the rotation number of the plate from the diary of observations at the photographic telescope.

Column 4 gives the date of exposure of the photograph and column 5 the initials of the photographer, as indicated on p. xxvii.

Columns 6 and 7 give respectively the sidereal time and hour angle of the centre of the plate at the middle of the exposure.

Column 8 gives the state of the definition as recorded by the observer, the best conditions being denoted by 1 and the worst possible observing conditions by 4, intermediate or variable conditions by intermediate numbers or combinations of numbers.

Column 9 gives the distinguishing mark on the réseau used.

Column 10 gives the date on which the measurements were made, or in the case of the fuller plates, for some of which the measures extended over several days, an approximate mean date.

Column 11 gives the initials of the observers who made the measures, to be interpreted as on p. xxviii.

Column 12 indicates which of the two micrometers (I or II) was used.

Columns 13–18 contain the plate-constants, derived by the method of § VII., which have been employed in reducing the measures. These include the parts due to differential refraction and aberration.

Column 19 gives the number of standard stars used for the determination of these plate-constants.

Zone − 43°. *Details of Plates.*

No.	α_0.	Plate.	Exposed on	Exposed by	Mean Sid. Time.	Hour Angle.	Def.	Reseau.	Measured on	Measured by	Micrometer.	Plate-Constants Applied. a.	$S+a$.	$-P$.	b.	$P+\beta$.	S.	Standards.
	h m				h m	h m						′	′	′	′	′	′	
1	0 5	5100	1898 Nov. 9	CW	23 24	E 0 41	2	G 51	1898 Nov. 25	B, R	I.	−0·022	+·000755	+·000343	+0·046	−·000330	+·000757	9
2	15	5113	1898 Nov. 24	CW	0 13	E 0 2	3	G 51	1899 Jan. 1	B, CH	I.	+ ·222	+ 617	+ 045	+ ·097	− 046	+ 624	10
3	25	5114	1898 Nov. 24	CW	0 29	W 0 4	2–3	G 51	1899 Jan. 6	B, CH	I.	+ ·354	+ 556	+ 343	− ·001	− 342	+ 563	11
4	35	5638	1899 Dec. 6	GJ	1 3	W 0 28	3	G x	1899 Dec. 15	CH, B	I.	+ ·017	+ 204	− 1263	+ ·276	+ 1273	+ 207	11
5	45	5639	1899 Dec. 6	GJ	1 20	W 0 35	3	G x	1900 June 13	B, H	I.	+ ·002	+ 331	− 1269	+ ·347	+ 1280	+ 333	10
6	55	5640	1899 Dec. 6	GJ	1 33	W 0 38	3	G x	1900 Mar. 8	B, E	I.	− ·124	+ 310	− 2403	+ ·235	+ 2416	+ 311	10
7	1 5	5646	1899 Dec. 8	GJ	1 36	W 0 31	1–2	G x	1900 Mar. 16	B, H	I.	− ·062	+ 253	+ 799	+ ·366	− 789	+ 256	12
8	15	5647	1899 Dec. 8	GJ	1 49	W 0 34	1–2	G x	1900 Mar. 21	B, H	I.	− ·111	+ 100	− 2288	+ ·042	+ 2299	+ 102	11
9	25	8704	1905 Dec. 9	JJ	1 48	W 0 23	3	G 50	1907 Aug. 2	L, C	I.	+ ·062	+ 630	− 814	+ ·034	+ 822	+ 634	11
10	35	5616	1899 Nov. 28	GJ	0 56	E 0 39	3–4	G x	1900 Apr. 14	S, B	I.	− ·152	+ 190	− 2202	+ ·375	+ 2189	+ 191	10
11	45	5617	1899 Nov. 28	GJ	1 10	E 0 35	3–4	G x	1900 Apr. 19	S, H	I.	− ·141	+ 244	− 1670	+ ·494	+ 1659	+ 246	10
12	55	6066	1900 Nov. 8	GJ	1 53	E 0 2	2	G x	1900 Nov. 26	B, EW	I.	+ ·023	+ 365	− 1222	− ·109	+ 1221	+ 372	11
13	2 5	5619	1899 Nov. 28	GJ	1 36	E 0 29	3–4	G x	1899 Dec. 18	B, CH	I.	− ·181	+ 238	− 1294	+ ·378	+ 1284	+ 241	9
14	15	5620	1899 Nov. 28	GJ	1 50	E 0 25	3–4	G x	1899 Dec. 19	B, CH	I.	− ·312	+ 165	− 1476	+ ·447	+ 1468	+ 169	10
15	25	5655	1899 Dec. 14	GJ	2 16	E 0 9	2	G x	1900 Jan. 9	S, CH	I.	− ·038	+ 184	− 1191	+ ·322	+ 1188	+ 190	11
16	35	5656	1899 Dec. 14	GJ	2 31	E 0 4	2	G x	1900 Jan. 28	CH, B	I.	+ ·006	+ 245	+ 1157	− ·060	− 1158	+ 251	9
17	45	5631	1899 Dec. 4	GJ	1 54	E 0 51	2	G x	1900 Jan. 29	CH, B	I.	− ·116	+ 287	− 1367	+ ·281	+ 1351	+ 283	9
18	55	5632	1899 Dec. 4	GJ	2 8	E 0 47	2	G x	1900 Feb. 4	S, CH	I.	+ ·067	+ 343	− 1122	+ ·360	+ 1108	+ 341	11
19	3 5	5633	1899 Dec. 4	GJ	2 22	E 0 43	2	G x	1900 Mar. 27	H, E	I.	− ·087	+ 285	− 1099	+ ·308	+ 1085	+ 285	10
20	15	5634	1899 Dec. 4	GJ	2 38	E 0 37	2	G x	1900 Apr. 4	S, E	II.	+1·146	+ 242	− 943	+ ·631	+ 931	+ 244	12
21	25	5635	1899 Dec. 4	GJ	2 53	E 0 32	2	G x	1900 May 10	S, H	II.	−0·089	+ 213	− 1120	+ ·266	+ 1110	+ 216	12
22	35	5642	1899 Dec. 6	GJ	3 56	W 0 21	2	G x	1900 May 11	S, SB	II.	− ·138	+ 264	− 3687	− ·141	+ 3694	+ 269	12
23	45	5657	1899 Dec. 14	GJ	3 3	E 0 42	2	G x	1900 May 14	E, S	II.	− ·053	+ 372	− 1379	+ ·286	+ 1365	+ 372	11
24	55	5658	1899 Dec. 14	GJ	3 20	E 0 35	2	G x	1900 May 15	H, S	II.	− ·071	+ 296	− 4964	− ·309	+ 4952	+ 298	13
25	4 5	5676	1900 Jan. 13	GJ	4 20	W 0 15	2–3	G x	1900 Jan. 23	CH, B	I.	− ·017	+ 217	− 736	+ ·176	+ 741	+ 223	11
26	15	5665	1900 Jan. 11	GJ	4 25	W 0 10	1–2	G x	1900 Feb. 12	S, CH	I.	− ·068	+ 241	− 1506	+ ·351	+ 1509	+ 247	12
27	25	5666	1900 Jan. 11	GJ	4 37	W 0 12	1–2	G x	1900 Feb. 13	S, CH	I.	− ·109	+ 309	− 1379	+ ·371	+ 1383	+ 315	14
28	35	5667	1900 Jan. 11	GJ	4 51	W 0 16	1–2	G x	1900 Feb. 18	CH, S	I.	− ·092	+ 257	− 1427	+ ·269	+ 1433	+ 262	11
29	45	5668	1900 Jan. 11	GJ	5 5	W 0 20	1–2	G x	1900 Feb. 25	CH, B	I.	− ·150	+ 223	− 2007	+ ·315	+ 2014	+ 228	11
30	55	8701	1905 Dec. 5	JJ	4 15	E 0 40	3	G 50	1907 Aug. 5	L, C	I.	+ ·172	+ 589	− 392	− ·024	+ 379	+ 590	10
31	5 5	5670	1900 Jan. 11	GJ	5 32	W 0 27	1–2	G x	1900 June 8	B, E	I.	− ·106	+ 326	− 1458	+ ·314	+ 1467	+ 330	12
32	15	5718	1900 Feb. 8	GJ	5 13	E 0 2	1–2	G x	1900 June 16	B, H	I.	+ ·035	+ 117	+ 4693	− ·590	− 4694	+ 124	12
33	25	5677	1900 Jan. 13	GJ	4 34	E 0 51	3	G x	1900 July 8	S, E	II.	− ·026	+ 328	− 1118	+ ·163	+ 1102	+ 324	13
34	35	5731	1900 Feb. 12	GJ	5 48	W 0 13	1	G x	1900 Aug. 30	S, SB	II.	− ·117	+ 240	− 1469	− ·015	+ 1473	+ 246	14
35	45	5695	1900 Jan. 17	GJ	6 0	W 0 15	3	G x	1900 Sept. 3	S, SB	II.	− ·081	+ 195	− 1200	+ ·239	+ 1205	+ 200	14
36	55	8300	1905 Jan. 18	JJ	5 54	E 0 1	3	G 50	1905 June 26	L, C	I.	− ·191	+ 662	− 581	− ·071	+ 581	+ 669	12
37	6 5	5201	1899 Feb. 4	CW	6 11	W 0 6	3–4	G 51	1899 Feb. 20	B, CH	I.	+ ·161	+ 380	− 500	+ ·454	+ 502	+ 386	15
38	15	5732	1900 Feb. 12	GJ	6 3	E 0 12	1	G x	1900 Feb. 21	S, CH	I.	− ·116	+ 311	− 1861	− ·134	+ 1857	+ 317	15
39	25	4745	1898 Feb. 9	CW	5 48	E 0 37	3	G 51	1899 Mar. 26	CH, B	I.	− ·228	+ 495	+ 250	+ ·037	− 262	+ 497	13
40	35	5234	1899 Feb. 20	CW	6 5	E 0 30	3	G 51	1899 Apr. 16	CH, S, B	I.	+ ·640	+ 375	− 529	+ ·246	+ 519	+ 378	16
41	45	5235	1899 Feb. 20	CW	6 38	E 0 7	2–3	G 51	1899 May 19	CH, JH, B	I.	+ ·593	+ 461	− 670	+ ·256	+ 668	+ 467	17
42	55	5236	1899 Feb. 20	CW	6 52	E 0 3	2–3	G 51	1899 Sept. 13	CH, B	I.	− ·457	+ 487	− 778	+ ·271	+ 777	+ 494	13
43	7 5	5237	1899 Feb. 20	CW	7 6	W 0 1	2–3	G 51	1899 Sept. 20	S, B	I.	+ ·554	+ 423	− 528	+ ·298	+ 528	+ 430	16
44	15	5733	1900 Feb. 12	GJ	6 33	E 0 42	1	G x	1900 Apr. 21	S, B	I.	+ ·217	+ 343	− 1097	− ·087	+ 1084	+ 343	13
45	25	5744	1900 Feb. 20	GJ	7 43	W 0 18	4–3	G x	1900 Sept. 7	S, SB	II.	− ·119	+ 318	− 1444	− ·083	+ 1450	+ 323	14
46	35	7814	1904 Mar. 31	J	7 32	E 0 3	3	G 50	1904 June 23	ES, MC	II.	− ·073	+ 557	− 590	− ·074	+ 583	+ 564	16
47	45	6687	1902 Feb. 18	EB	6 0	E 1 45	4–3	G 61	1903 May 24	L, MC	I.	− ·093	+ 482	+ 215	− ·115	− 239	+ 480	14
48	55	5736	1900 Feb. 12	GJ	7 18	E 0 37	1	G x	1901 Mar. 22	S, SB	II.	− ·033	+ 334	− 1130	− ·150	+ 1118	+ 336	15
49	8 5	5238	1899 Feb. 20	CW	7 21	E 0 44	2–3	G 51	1899 Sept. 2	B, CH	I.	+ ·463	+ 497	− 246	+ ·056	+ 232	+ 496	15
50	15	5239	1899 Feb. 20	CW	7 35	E 0 4	2	G 51	1899 Sept. 16	CH, B	I.	+ ·498	+ 398	− 269	+ ·129	+ 256	+ 399	14

36. Clouded up.

47. Windy.

Zone — 43°. *Details of Plates.*

No.	a_0.	Plate.	Exposed on	by	Mean Sid. Time.	Hour Angle.	Def.	Resem.	Measured on	by	Micrometer.	Plate-Constants Applied. a.	$S+a$.	P.	b.	$P+\beta$.	S.	Standards.
	h m				h m	h m						′			′			
51	8 25	5737	1900 Feb. 12	GJ	7 33	E 0 52	1	G x	1900 Aug. 10	S, SB	II.	−0·040	+·000320	−·001237	−0·122	+·001221	+·000316	15
52	35	6688	1902 Feb. 19	W	8 6	E 0 29	3	G 61	1903 June 10	L, MC	I.	− ·132	+ 546	+ 056	− ·149	− 066	+ 549	15
53	45	5242	1899 Feb. 20	CW	8 30	E 0 15	2 3	G 51	1900 Aug. 23	H, B	I.	+ ·541	+ 498	− 563	+ ·175	+ 558	+ 503	15
54	55	5739	1900 Feb. 12	GJ	8 3	E 0 52	1	G x	1900 Oct. 7	H, B	I.	− ·104	+ 389	− 1253	− ·150	+ 1237	+ 385	16
55	9 5	5745	1900 Feb. 20	GJ	7 56	E 1 9	3	G x	1900 Oct. 12	H, B	I.	− ·015	+ 402	− 722	+ ·007	+ 702	+ 388	15
56	15	5263	1899 Feb. 27	CW	8 27	E 0 48	2	G 51	1900 Oct. 18	B, H	I.	− ·063	+ 425	− 541	+ ·066	+ 526	+ 423	15
57	25	5746	1900 Feb. 20	GJ	8 10	E 1 15	3	G x	1900 Dec. 5	SB, E	II.	− ·624	+ 259	− 1380	− ·150	+ 1359	+ 241	15
58	35	9089	1908 Apr. 17	W	9 2	E 0 33	1–2	G 50	1908 July 31	L, C	I.	− ·053	+ 491	− 583	− ·073	+ 572	+ 403	14
59	45	9090	1908 Apr. 17	W	9 18	E 0 27	1–2	G 50	1908 Aug. 6	L, C	I.	+ ·041	+ 263	− 400	+ ·022	+ 391	+ 266	14
60	55	6786	1902 Apr. 15	EB	9 19	E 0 36	2–3	G 61	1902 Oct. 15	L, ES	I.	− ·069	+ 525	+ 609	− ·107	− 621	+ 527	16
61	10 5	4853	1898 May 7	CW	10 35	W 0 30	3	G 51	1899 Nov. 30	CH, S, B	I.	+ ·117	+ 392	− 229	+ ·506	+ 239	+ 395	14
62	15	5782	1900 Mar. 12	GJ	10 21	W 0 6	1–2	G x	1900 Sept. 9	S, SB	II.	− ·133	+ 434	− 3097	− ·057	+ 3099	+ 440	14
63	25	5781	1900 Mar. 12	GJ	10 8	E 0 17	1–2	G x	1900 Sept. 12	S, SB	II.	− ·148	+ 447	− 1120	+ ·060	+ 1114	+ 452	13
64	35	5783	1900 Mar. 12	GJ	10 34	E 0 1	1–2	G x	1900 Sept. 15	S, SB	II.	− ·145	+ 403	− 1341	+ ·025	+ 1341	+ 410	15
65	45	7856	1904 May 3	J	10 10	E 0 35	3	G 50	1904 June 19	ES, MC	II.	− ·097	+ 625	− 596	− ·083	+ 584	+ 627	10
66	55	6698	1902 Feb. 26	EB	10 54	E 0 1	2	G 61	1903 June 20	L, MC	I.	− ·143	+ 590	+ 076	+ ·105	− 076	+ 597	16
67	11 5	8357	1905 Mar. 28	W	10 22	E 0 43	3	G 50	1905 June 28	L, C	I.	− ·267	+ 683	− 049	− ·060	+ 035	+ 683	16
68	15	5874	1900 May 10	GJ	11 27	W 0 12	2	G x	1903 June 25	L, MC	I.	− ·301	+ 380	− 1718	+ ·100	+ 1722	+ 386	15
69	25	6718	1902 Mar. 18	M	11 19	E 0 6	2–3	G 61	1903 July 1	L, MC	I.	− ·137	+ 645	− 091	+ ·035	+ 089	+ 651	16
70	35	6719	1902 Mar. 18	M	11 38	W 0 3	2–3	G 61	1903 July 9	LB, L	I.	− ·187	+ 533	− 126	+ ·033	+ 127	+ 540	13
71	45	5392	1899 May 25	CW	11 0	E 0 45	1–2	G 51	1903 July 15	L, MC	I.	− ·082	+ 345	− 601	+ ·091	+ 587	+ 344	13
72	55	6189	1901 Mar. 11	W	11 40	E 0 15	3	G x	1903 July 19	L, MC	I.	− ·137	+ 409	− 1083	+ ·094	+ 1078	+ 414	11
73	12 5	5393	1899 May 25	CW	11 14	E 0 51	1–2	G 51	1899 June 21	CH, S, B	I.	− ·936	+ 366	− 1512	+ ·113	+ 1496	+ 362	12
74	15	5394	1899 May 25	CW	11 27	E 0 48	1–2	G 51	1899 July 18	CH, B	I.	− ·104	+ 447	− 825	+ ·110	+ 810	+ 445	15
75	25	5395	1899 May 25	CW	11 41	E 0 44	1–2	G 51	1899 July 30	S, CH	I.	− ·128	+ 408	− 1271	− ·040	+ 1257	+ 407	17
76	35	5396	1899 May 25	CW	11 54	E 0 41	1–2	G 51	1899 Aug. 7	CH, B	I.	− ·159	+ 367	− 637	+ ·067	+ 624	+ 368	11
77	45	5397	1899 May 25	CW	12 8	E 0 37	1–2	G 51	1899 Aug. 16	S, CH	I.	− ·122	+ 452	− 823	− ·007	+ 811	+ 454	14
78	55	5398	1899 May 25	CW	12 22	E 0 33	1–2	G 51	1899 Aug. 25	CH, B	I.	− ·056	+ 437	− 807	+ ·114	+ 796	+ 439	15
79	13 5	5399	1899 May 25	CW	12 39	E 0 26	1–2	G 51	1899 Oct. 8	CH, S	I.	− ·183	+ 370	− 721	+ ·228	+ 712	+ 374	14
80	15	5400	1899 May 25	CW	12 53	E 0 22	2–3	G 51	1899 Oct. 18	S, CH	I.	− ·114	+ 391	− 692	+ ·050	+ 685	+ 396	15
81	25	5401	1899 May 25	CW	13 6	E 0 19	2–3	G 51	1899 Oct. 26	CH, B	I.	+ ·204	+ 365	+ 976	− ·087	− 983	+ 370	11
82	35	5402	1899 May 25	CW	13 22	E 0 13	2	G 51	1899 Oct. 30	CH, B	I.	− ·236	+ 380	− 734	+ ·144	+ 730	+ 386	12
83	45	5403	1899 May 25	CW	13 36	E 0 9	2–3	G 51	1899 Nov. 2	CH, S	I.	− ·057	+ 434	− 583	+ ·053	+ 580	+ 440	11
84	55	5935	1900 July 5	GJ	13 1	E 0 54	1–2	G x	1900 Nov. 9	S, SB	II.	− ·295	+ 298	− 2097	− ·075	+ 2081	+ 293	10
85	14 5	5936	1900 July 5	GJ	13 13	E 0 52	1–2	G x	1900 Dec. 3	S, SB	II.	− ·206	+ 306	− 051	− ·115	+ 035	+ 302	11
86	15	6367	1901 July 19	W	14 47	W 0 32	3–4	G x	1901 Aug. 8	B, E	I.	− ·028	+ 253	− 730	− ·062	+ 740	+ 256	12
87	25	5938	1900 July 5	GJ	13 37	E 0 48	1–2	G x	1901 Mar. 30	B, EW	I.	− ·044	+ 299	+ 964	− ·039	− 979	+ 297	13
88	35	5939	1900 July 5	GJ	13 49	E 0 46	1–2	G x	1901 Apr. 26	B, EW	I.	− ·305	+ 274	+ 3203	− ·273	− 3217	+ 273	10
89	45	5940	1900 July 5	GJ	14 5	E 0 40	1–2	G x	1901 Apr. 29	EW, B	I.	− ·309	+ 257	− 1317	+ ·083	+ 1304	+ 258	13
90	55	5941	1900 July 5	GJ	14 17	E 0 38	1–2	G x	1901 May 8	S, SB	II.	+ ·086	+ 350	− 2108	+ ·235	+ 2096	+ 351	11
91	15 5	6368	1901 July 19	W	15 12	W 0 7	3–4	G x	1901 Aug. 11	B, E	I.	+ ·218	+ 373	− 658	− ·098	+ 660	+ 379	12
92	15	6369	1901 July 19	W	15 32	W 0 17	3–4	G x	1901 Aug. 15	B, E	I.	+ ·090	+ 359	− 1011	− ·009	+ 1017	+ 364	16
93	25	5944	1900 July 5	GJ	14 52	E 0 33	1–2	G x	1901 Aug. 24	B, E	II.	− ·336	+ 370	− 1443	+ ·107	+ 1432	+ 372	14
94	35	6405	1901 Aug. 12	W	16 12	W 0 37	3	G x	1901 Sept. 14	B, E	I.	+ ·123	+ 267	− 884	+ ·277	+ 896	+ 269	14
95	45	6370	1901 July 19	W	16 8	W 0 23	3	G x	1901 Aug. 28	SB, E	II.	+ ·169	+ 382	− 828	− ·045	+ 836	+ 386	12
96	55	6365	1901 July 18	WG	15 42	E 0 13	3–4	G x	1901 Aug. 30	SB, E	II.	+ ·332	+ 385	− 489	+ ·140	+ 485	+ 391	12
97	16 5	6371	1901 July 19	W	16 32	W 0 27	3–4	G x	1901 Sept. 3	S, SB	II.	+ ·082	+ 408	− 1267	+ ·034	+ 1276	+ 412	9
98	15	6366	1901 July 18	WG	15 59	E 0 16	3–4	G x	1901 Sept. 17	B, E	I.	+ ·312	+ 431	− 820	+ ·225	+ 814	+ 436	13
99	25	6390	1901 July 24	WG	16 30	W 0 5	3	G x	1901 Sept. 19	B, E	I.	+ ·217	+ 336	− 778	+ ·184	+ 780	+ 342	11
100	35	6391	1901 July 24	WG	16 45	W 0 10	3	G x	1901 Sept. 22	B, E	I.	+ ·274	+ 229	− 1178	+ ·222	+ 1181	+ 235	11

52. Cloudy. 66. Clock driving badly. 72. Guiding star very faint. 94. Cloudy. 97. Guiding star extremely faint.

Zone — 43°. *Details of Plates.*

No.	a.	Plate.	Exposed on	by	Mean Sol. Time.	Hour Angle.	Def.	Re-can.	Measured on	by	Micrometer.	Plate-Constants Applied. a.	$S+a.$	$-P.$	b.	$P+\beta.$	S.	Standards.
	h m				h m	h m												
101	16 45	6372	1901 July 19	W	16 54	W 0 9	3–4	G x	1901 Sept. 28	B, E	I.	+0·146	+·000406	−·003703	+0·110	+·000706	+·000412	13
102	55	6373	1901 July 19	W	17 13	W 0 18	3–4	G x	1901 Oct. 9	B, E	I.	+ ·216	+ 428	− 533	+ ·112	+ 539	+ 433	12
103	17 5	5961	1900 Aug. 7	CW	17 15	W 0 10	2	G x	1901 Oct. 15	B, E	I.	− ·074	+ 385	− 1557	+ ·178	+ 1560	+ 391	11
104	15	6374	1901 July 19	W	17 33	W 0 18	3–4	G x	1901 Oct. 23	E, S	I.	+ ·263	+ 450	− 326	+ ·216	+ 332	+ 455	12
105	25	6392	1901 July 24	WG	17 4	E 0 21	3	G x	1901 Dec. 25	S	II.	+ ·324	+ 397	− 957	+ ·152	+ 950	+ 402	11
106	35	6396	1901 July 27	W	17 26	E 0 9	3	G x	1901 Jan. 4	S, SB	II.	+ ·200	+ 294	− 449	+ ·053	+ 446	+ 300	9
107	45	6397	1901 July 27	W	17 43	E 0 2	3	G x	1902 Oct. 25	ES, MC	I.	+ ·282	+ 474	− 1221	+ ·204	+ 1220	+ 481	10
108	55	6398	1901 July 27	W	18 4	W 0 9	3	G x	1902 Nov. 6	ES, MC	II.	+ ·275	+ 425	− 966	+ ·131	+ 969	+ 431	9
109	18 5	5962	1900 Aug. 7	CW	17 45	E 0 20	2	G x	1902 Nov. 30	MC, ES	II.	+ ·017	+ 396	− 1040	+ ·065	+ 1033	+ 401	12
110	15	6436	1901 Sept. 10	W	18 17	W 0 2	4–3	G x	1902 Nov. 19	ES, MC	II.	+ ·192	+ 377	− 918	− ·086	+ 919	+ 384	14
111	25	6437	1901 Sept. 12	W	18 40	W 0 15	4 3	G x	1903 Apr. 25	NM, ES	II.	+ ·153	+ 322	− 711	− ·012	+ 716	+ 328	11
112	35	5963	1900 Aug. 7	CW	18 3	E 0 32	2	G x	1903 May 2	ES, NM	II.	− ·018	+ 437	− 979	− ·145	+ 968	+ 440	11
113	45	6439	1901 Sept. 14	W	18 37	E 0 8	3–4	G x	1903 May 10	NM, ES	II.	+ ·206	+ 370	− 752	− ·110	+ 749	+ 362	8
114	55	5964	1900 Aug. 7	CW	18 21	E 0 34	2	G x	1903 May 18	ES, NM	II.	− ·078	+ 457	− 1018	+ ·065	+ 1007	+ 459	12
115	19 5	6440	1901 Sept. 14	W	18 56	E 0 9	3–4	G x	1903 May 27	NM, ES	II.	+ ·216	+ 305	− 628	− ·102	+ 625	+ 311	12
116	15	6441	1901 Sept. 14	W	19 17	W 0 2	3–4	G x	1903 June 28	ES, NM	II.	+ ·285	+ 327	− 501	− ·068	+ 502	+ 334	10
117	25	5513	1899 Sept. 16	GJ	18 31	E 0 54	1	G x	1903 June 3	ES, NM	II.	+ ·154	+ 348	− 771	− ·593	+ 754	+ 343	11
118	35	5514	1899 Sept. 16	GJ	18 44	E 0 51	1	G x	1903 June 6	NM, ES	II.	+ ·123	+ 240	− 2071	− ·532	+ 2055	+ 236	11
119	45	5515	1899 Sept. 16	GJ	18 57	E 0 48	1	G x	1903 June 9	ES, NM	II.	+ ·247	+ 228	− 1569	− ·503	+ 1554	+ 225	12
120	55	5516	1899 Sept. 16	GJ	19 11	E 0 44	1	G x	1903 June 15	ES, NM	II.	+ ·212	+ 281	− 2048	− ·479	+ 2034	+ 279	12
121	20 5	5517	1899 Sept. 16	GJ	19 25	E 0 40	1	G x	1903 June 18	NM, ES	II.	+ ·173	+ 373	− 1586	− ·551	+ 1573	+ 374	10
122	15	6442	1901 Sept. 14	W	19 41	E 0 34	3–4	G x	1903 June 20	ES, NM	II.	+ ·189	+ 340	− 867	− ·146	+ 856	+ 342	11
123	25	6466	1901 Sept. 21	M	19 46	E 0 39	3–4	G x	1903 June 24	ES, NM	II.	+ ·237	+ 331	− 724	− ·118	+ 711	+ 332	11
124	35	6453	1901 Sept. 19	FB	19 54	E 0 41	4–3	G x	1903 June 27	NM, ES	II.	+ ·003	+ 221	− 889	+ ·002	+ 876	+ 222	13
125	45	6467	1901 Sept. 21	M	20 11	E 0 34	4–3	G x	1903 July 3	NM, ES	II.	+ ·082	+ 308	− 843	− ·115	+ 832	+ 310	11
126	55	6426	1901 Aug. 30	W	20 30	E 0 25	4–3	G x	1903 June 23	NM, ES	II	+ ·212	+ 557	− 1100	+ ·081	+ 1082	+ 548	9
127	21 5	5966	1900 Aug. 7	CW	20 2	E 0 45	2	G x	1903 July 6	ES, NM	II.	− ·430	+ 401	− 976	+ ·171	+ 962	+ 400	9
128	15	6468	1901 Sept. 21	M	20 35	E 0 40	4–3	G x	1903 July 8	NM, ES	II.	+ ·233	+ 238	− 1068	− ·123	+ 1055	+ 239	10
129	25	7074	1902 Oct. 13	M	21 9	E 0 16	3	G 50	1903 July 9	ES, NM	II.	− ·182	+ 399	+ 305	+ ·222	− 311	+ 404	12
130	35	7075	1902 Oct. 13	M	21 26	E 0 9	3	G 50	1903 July 11	NM, ES	II.	− ·133	+ 382	+ 477	+ ·172	− 480	+ 388	13
131	45	6469	1901 Sept. 21	M	21 —	E 0 38	4–3	G x	1903 July 13	ES, NM	II.	+ ·132	+ 397	− 1190	− ·104	+ 1178	+ 398	11
132	55	6449	1901 Sept. 17	M	22 2	W 0 7	3	G x	1903 July 14	NM, ES	II.	+ ·088	+ 405	− 1126	+ ·047	+ 1128	+ 411	12
133	22 5	7119	1902 Nov. 6	M	22 25	W 0 20	3–4	G 50	1903 July 15	ES, NM	II.	− ·008	+ 421	+ 478	+ ·265	− 471	+ 426	11
134	15	7120	1902 Nov. 6	M	22 40	W 0 25	3–4	G 50	1903 July 17	ES, NM	II.	− ·003	+ 397	+ 381	+ ·110	− 372	+ 401	10
135	25	6455	1901 Sept. 19	M	22 13	E 0 12	3–4	G x	1903 July 20	NM, ES	II.	+ ·029	+ 284	− 1307	+ ·047	+ 1303	+ 290	10
136	35	7136	1902 Nov. 11	W	23 15	W 0 40	3	G 50	1903 July 21	ES, NM	II.	+ ·076	+ 410	+ 923	+ ·250	− 910	+ 411	10
137	45	7126	1902 Nov. 7	W	22 50	W 0 5	3–4	G 50	1903 July 22	NM, ES	II.	+ ·253	+ 363	+ 873	+ ·469	− 872	+ 370	12
138	55	7127	1902 Nov. 7	W	23 6	W 0 11	3	G 50	1903 July 22	ES, NM	II.	− ·012	+ 337	+ 437	+ ·290	− 433	+ 443	12
139	23 5	8606	1905 Oct. 10	JJ	22 43	E 0 22	3	G 50	1905 Dec. 7	MC, ES	II.	− ·288	+ 595	− 379	+ ·013	+ 371	+ 600	11
140	15	7170	1902 Nov. 22	W	23 53	W 0 38	3	G 50	1903 July 23	LB, ES	II.	− ·042	+ 446	+ 461	+ ·272	− 449	+ 447	11
141	25	6457	1901 Sept. 19	M	23 14	E 0 11	2–3	G x	1903 July 26	NM, LB	II.	+ ·004	+ 485	− 1129	+ ·050	+ 1125	+ 491	10
142	35	7123	1902 Nov. 6	M	23 40	W 0 5	3–4	G 50	1903 July 28	ES, NM	II.	+ ·098	+ 326	+ 406	+ ·212	− 404	+ 332	12
143	45	6064	1900 Nov. 8	GJ	0 15	W 0 30	2	G x	1903 July 28	NM, ES	II.	− ·083	+ 315	− 1344	− ·169	+ 1354	+ 318	10
144	55	6065	1900 Nov. 8	GJ	0 28	W 0 33	2	G x	1903 July 29	ES, NM	II.	− ·048	+ 416	− 1176	− ·170	+ 1187	+ 418	12

101, 111. Hand control only.

123, 134, 136. Guiding star very faint.

§ XII.—FORMULÆ FOR THE CONVERSION OF CO-ORDINATES.

If α_0, δ_0 denote the R.A. and Declination of a plate centre, α, δ the true R.A. and Declination of a star whose rectangular co-ordinates, expressed in minutes of arc, are denoted by x, y, the rigorous formulæ connecting the quantities α, δ with x, y may be expressed by means of an auxiliary angle ϕ, in the form

$$\tan(\alpha-\alpha_0) = x \sec\phi \tan 1' \cos(\phi-\delta_0),$$
$$\tan\delta = \tan\phi \cos(\alpha-\alpha_0),$$

where

$$\tan(\phi-\delta_0) = y \tan 1'.$$

Let

$$\tan\theta = x \tan 1' \sec\phi.$$

Then we have

$$\tan(\alpha-\alpha_0) = \tan\theta \cos(\phi-\delta_0),$$
$$\tan\delta = \tan\phi \cos(\alpha-\alpha_0),$$

from which the following developments may be derived

$$\alpha-\alpha_0 = \theta - \tan^2\tfrac{1}{2}(\phi-\delta_0)\sin 2\theta + \tfrac{1}{2}\tan^4\tfrac{1}{2}(\phi-\delta_0)\sin 4\theta + \ldots.$$
$$\delta = \phi - \tan^2\tfrac{1}{2}(\alpha-\alpha_0)\sin 2\phi + \tfrac{1}{2}\tan^4\tfrac{1}{2}(\alpha-\alpha_0)\sin 4\phi + \ldots.$$

Since $\phi-\delta$, θ are of the order of x and y, on neglecting terms of the 4th and higher orders these formulæ take the approximate forms

$$\alpha-\alpha_0 = \theta - \tfrac{1}{2}\theta(y^2\tan^2 1'),$$
$$\delta = \phi - \tfrac{1}{2}x^2\frac{\tan^2 1'}{\tan 1''}\tan\phi\cos^2(\phi-\delta_0),$$

or

$$\alpha-\alpha_0 = [1-\tfrac{1}{2}y^2\tan^2 1']\tan^{-1}\{x\sin 1'\sec\phi\},$$
$$\delta-\delta_0 = \tan^{-1}[y\tan 1'] - 30\,x^2\tan 1'\tan\phi\cos^2(\phi-\delta_0),$$

which may further be expressed in the form

$$\alpha-\alpha_0 = P_1 x + P_2$$
$$\delta-\delta_0 = y + Q_1 x^2 + Q_2$$

where if $\alpha-\alpha_0$, $\delta-\delta_0$ are expressed in seconds of time and seconds of arc respectively

$$P_1 = 4\sec\phi(1-\tfrac{1}{2}y^2\tan^2 1')$$
$$P_2 = P_1 x - \tan P_1 x \tan 1^s$$
$$Q_1 = -30\tan 1'\tan\phi\cos^2(\phi-\delta_0)$$
$$Q_2 = \phi-\delta_0 - \frac{\tan(\phi-\delta_0)}{\tan 1''}$$

As all the plate centres dealt with in the present volume are confined to the same declination, the quantity ϕ for these plates depends uniquely on y and the quantities P_1, Q_1 or their logarithms can thus be simply tabulated as a function of y.

Small subsidiary tables give the values of P_2 and Q_2, the former with argument P_1x as derived in the course of the computation, and the latter with argument y, which only differs from $\phi - \delta_0$ by quantities of the third order.

Tables giving log P_1, log Q_1 with argument y, and these subsidiary tables as applicable to the co-ordinates contained in this volume are appended.

These tables are sufficient to compute the results with an accuracy exceeding $^s{\cdot}001$ in R.A. and $''{\cdot}01$ in Declination, but as a rule the final decimal figures may be dropped without detriment.

Examples showing the use of these tables are here given.

$x = -56'{\cdot}485$	$y = +36'{\cdot}673$	$x = +54'{\cdot}272$	$y = -\ 2'{\cdot}648$
	$= +36'\ 4''{\cdot}38$		$-\ 2'\ 38''{\cdot}88$
log $P_1 = 0{\cdot}733633$	log $Q_1 = 7{\cdot}9115$	log $P_1 = 0{\cdot}738244$	log $Q_1 = 7{\cdot}91117$
$2 \log x = 1{\cdot}751933n$	$\log x^2 = 3{\cdot}5387$	log $x = 1{\cdot}734356$	$\log x^2 = 3{\cdot}46915$
log $(P_1x^2) = 2{\cdot}485566$	log $(Q_1x^2) = 1{\cdot}45302$	log $(P_1x) = 2{\cdot}472800$	log $(Q_1x^2) = 1{\cdot}38032$
$P_1x = -\ 305{\cdot}891$	$Q_1x^2 = -\ 25''{\cdot}41$	$P_1x = +\ 297{\cdot}043$	$Q_1x^2 = +\ 24''{\cdot}01$
$P_2 = +\ {\cdot}050$	$Q_2 = -\ {\cdot}09$	$P_2 = -\ {\cdot}047$	$Q_2 = +\ {\cdot}00$
$\alpha - \alpha_0 = -5^m\ 5^s{\cdot}841$	$\delta - \delta_0 = +3'\ 5''{\cdot}70$	$\alpha - \alpha_0 = +4^m\ 56^s{\cdot}996$	$\delta - \delta_0 = -\ 2'\ 14''{\cdot}87$

Zone −43°. *Tables for converting x and y to α and δ.*

Argument, y+

y.	Log. P_1.		Log. Q_1.		Q_2.
+ 59′	0·731037	116	7·89541	26	− 0′·34
58	1153	116	567	26	− ·33
57	1269	116	593	26	− ·31
56	1385	116	619	25	− ·30
55	1501	116	644	26	− ·28
+ 54	0·731617	116	7·89670	26	− 0′·27
53	1733	116	696	26	− ·25
52	1849	117	722	25	− ·24
51	1966	116	747	26	− ·22
50	2082	116	773	26	− ·21
+ 49	0·732198	116	7·89799	26	− 0′·20
48	2314	117	825	25	− ·19
47	2431	116	850	26	− ·17
46	2547	116	876	26	− ·16
45	2663	117	902	26	− ·15
+ 44	0·732780	116	7·89928	25	− 0′·14
43	2896	117	953	26	− ·13
42	3013	116	979	26	− ·12
41	3129	117	7·90005	25	− ·11
40	3246	116	030	26	− ·10
+ 39	0·733362	117	7·90056	26	− 0′·10
38	3479	116	082	25	− ·09
37	3595	117	107	26	− ·09
36	3712	117	133	26	− ·08
35	3829	116	159	25	− ·08
+ 34	0·733945	117	7·90184	26	− 0′·07
33	4062	117	210	25	− ·07
32	4179	117	235	26	− ·06
31	4296	117	261	26	− ·06
30	4413	116	287	25	− ·05
+ 29	0·734529	117	7·90312	26	− 0′·05
28	4646	117	338	25	− ·04
27	4763	117	363	26	− ·04
26	4880	117	389	25	− ·03
25	4997	117	414	26	− ·03
+ 24	0·735114	117	7·90440	26	− 0′·02
23	5231	117	466	25	− ·02
22	5348	118	491	26	− ·01
21	5466	117	517	25	− ·01
20	5583	117	542	26	− ·01
+ 19	0·735700	117	7·90568	25	− 0′·01
18	5817	117	593	26	− ·01
17	5934	118	619	25	·00
16	6052	117	644	25	·00
15	6169	117	669	26	·00
+ 14	0·736286	118	7·90695	25	0′·00
13	6404	117	720	26	·00
12	6521	118	746	25	·00
11	6639	117	771	26	·00
10	6756	118	797	25	·00
+ 9	0·736874	117	7·90822	25	0′·00
8	6991	118	847	26	·00
7	7109	117	873	25	·00
6	7226	118	898	25	·00
5	7344	118	923	26	·00
+ 4	0·737462	117	7·90949	25	0′·00
3	7579	118	974	26	·00
2	7697	118	7·91000	25	·00
1	7815	117	025	25	·00
0	7932		050		·00

Argument, y−.

x	Log. P_2.		Log. Q_1.		Q_2.
− 0′	0·737932	118	7·91050	26	0′·00
1	8050	118	076	25	·00
2	8168	118	101	25	·00
3	8286	118	126	25	·00
4	8404	118	151	26	·00
− 5	0·738522	118	7·91177	25	0′·00
6	8640	118	202	25	·00
7	8758	118	227	26	·00
8	8876	118	253	25	·00
9	8994	118	278	25	·00
− 10	0·739112	118	7·91303	25	0′·00
11	9230	119	328	26	·00
12	9349	118	354	25	·00
13	9467	118	379	25	·00
14	9585	118	404	25	·00
− 15	0·739703	118	7·91429	25	0′·00
16	9821	119	454	26	·00
17	0·739940	118	480	25	+ ·01
18	0·740058	119	505	25	+ ·01
19	0177	118	530	25	+ ·01
− 20	0·740295	119	7·91555	25	+ 0′·01
21	0414	118	580	25	+ ·01
22	0532	119	605	26	+ ·01
23	0651	118	631	25	+ ·02
24	0769	119	656	25	+ ·02
− 25	0·740888	118	7·91681	25	+ 0′·02
26	1006	119	706	25	+ ·03
27	1125	119	731	25	+ ·03
28	1244	118	756	25	+ ·04
29	1362	119	781	25	+ ·05
− 30	0·741481	119	7·91806	25	+ 0′·05
31	1600	119	831	25	+ ·06
32	1719	119	856	26	+ ·06
33	1838	119	882	25	+ ·07
34	1957	119	907	25	+ ·07
− 35	0·742076	119	7·91932	25	+ 0′·08
36	2195	119	957	25	+ ·08
37	2314	119	982	25	+ ·09
38	2433	119	7·92007	25	+ ·09
39	2552	119	032	25	+ ·10
− 40	0·742671	119	7·92057	25	+ 0′·10
41	2790	119	082	25	+ ·11
42	2909	119	107	25	+ ·12
43	3028	119	132	25	+ ·13
44	3147	119	157	25	+ ·14
− 45	0·743266	119	7·92182	25	+ 0′·15
46	3386	119	207	25	+ ·16
47	3505	119	232	25	+ ·17
48	3624	119	256	25	+ ·19
49	3743	120	281	25	+ ·20
− 50	0·743863	119	7·92306	25	+ 0′·21
51	3982	120	331	25	+ ·22
52	4102	120	356	25	+ ·24
53	4222	119	381	25	+ ·25
54	4341	120	406	25	+ ·27
− 55	0·744461	119	7·92431	25	+ 0′·28
56	4580	120	456	25	+ ·30
57	4700	120	481	25	+ ·31
58	4820	119	506	25	+ ·33
59	4939		531		+ ·34

Diff. Log. P_1.

116.	117		118.	119.	120.
11·6	11·7	·1	11·8	11·9	12·0
23·2	23·4	·2	23·6	23·8	24·0
34·8	35·1	·3	35·4	35·7	36·0
46·4	46·8	·4	47·2	47·6	48·0
58·0	58·5	·5	59·0	59·5	60·0
69·6	70·2	·6	70·8	71·4	72·0
81·2	81·9	·7	82·6	83·3	84·0
92·8	93·6	·8	94·4	95·2	96·0
104·4	105·3	·9	106·2	107·1	108·0

Diff. Log. Q_1.

	25.	26.
·1	2·5	2·6
·2	5·0	5·2
·3	7·5	7·8
·4	10·0	10·4
·5	12·5	13·0
·6	15·0	15·6
·7	17·5	18·2
·8	20·0	20·8
·9	22·5	23·4

P_2. *Arg.*, P_1x.

(P_2 opposite sign to x.)

P_1x.	P_2.	P_1x.	P_2.
s	s	s	s
60	0·000	200	0·014
70	1	210	16
80	1	220	19
90	1	230	21
100	2	240	24
110	2	250	27
120	3	260	31
130	4	270	35
140	5	280	39
150	6	290	43
160	7	300	48
170	8	310	53
180	10	320	58
190	12	330	63
200	·014	340	·068

EXPLANATION OF THE CATALOGUE OF RECTANGULAR CO-ORDINATES, ETC.

The plates are arranged in order of Right Ascension and numbered consecutively.

At the head of each plate is given the zone, rotation number of the plate in the zone, epoch, and right ascension of the centre. In the centre of the page is inserted the limiting diameter D, for which the measures have been systematically verified by comparison with an overlapping area (see § IX.).

For each plate the stars are arranged in order of the x co-ordinate (approximately that of R.A.), except in the case of the components of a double or multiple star, where this order has been slightly departed from so as to bring the measures of the separate components into juxtaposition. The stars are numbered in rotation for purposes of reference as indicated by the heavy type at the head of each column and the ordinary type in the first column. For easy identification the sign of the x co-ordinate is inserted for the first and sixth stars of each group.

In Column I.

The figures indicate the ordinal number of the star on the following line.

S denotes a Standard Star.

* that three images of the star are visible on the plate.

† that the measured image falls on a réseau line.

‡ that three images are visible and that the measured image falls on a réseau line.

[, if opposite a single star only, that the star is suspected of duplicity, but that the images of the components are not clearly separated and have been measured as one mass. A note is added when the duplicity was certain but the components not so clearly separated as to be measured separately.

The same symbol, if connecting adjacent lines, indicates that the images have been regarded as components of a double or multiple star, but separately measured.

N or *n* indicates that the star concerned is referred to in a footnote. N refers to the observations for the present catalogue, *n* to the C.P.D. results.

M, *m*, etc., have the same significance as in column 5.

Columns 2, 3 contain the measured rectangular co-ordinates.

The original measures were confined to star images contained within the extreme réseau lines 2, 26, 31, 55, so that the uncorrected co-ordinates lie within the limits $x = \pm 59'{\cdot}8$, $y = \pm 59'{\cdot}8$.

Column 4 contains the observer's estimate of the diameter of the measured image expressed in intervals of the close parallel webs in the micrometer (about 4″·5) as unit, or, in the case of the fainter stars, the estimated density of the photographic image on a scale, indicated by the prefix of a minus sign, extending from −1, for the brightest stars which fail to attain the full density of the larger images, to −5, for the faintest stars visible. The quantity D is printed in the heading of this column.

Column 5 contains the number of the star in the *Cape Photographic Durchmusterung*, and notes resulting from the revision of the plates, for a full explanation of which reference may be made to § IX. When the mass of two or more consecutive stars is given in the C.P.D., the number and magnitude are printed between the two lines, or the dots (. . .) are omitted on lines adjacent to the number.

Column 6 gives the magnitude of the star extracted from the *Cape Photographic Durchmusterung*.

The initials of the observers, to be interpreted as in § X., are inserted at the foot of the opening page for each plate, together with the rotation numbers of the stars at which an interchange of observers took place.

S. S. HOUGH.

Royal Observatory, Cape of Good Hope,
1915 *January* 22.

ERRATA.

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Page.	No.	For	Read
155	615	+ 52·771	+ 51·771
251	9	+ 11·343	− 11·343
284	497	+ 53·288	+ 54·288
290	3	− 22·589	+ 22·589
343	1578	′	″′
344	15	E	M
456	571	+ 53·881	+ 53·801

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230	512, 514, 519	*e*	
231	1, 2, 12	E	
232	291		M
311	1467	*e*	
311	43	E	
389	393		N, [and note
419	1493		″′
484	36		M

p. 274, Nos. 1087, 1092. *Transpose* C.P.D. Nos.

VOL. III.

p. 87, No. 1204; p. 113, No. 1146. *Insert e.*

p. 87, ,, 20; p. 114, ,, 12. ,, E.

ROYAL OBSERVATORY, CAPE OF GOOD HOPE.

RECTANGULAR CO-ORDINATES 1900·0.

FOR

ASTROGRAPHIC ZONE −43°.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	h.	′.	+1.	No.	Mag.
1-60					
1					
...	−57·379	−25 347	−2	..	...
...	57·073	+ 6·859	−3	E	...
...	56·290	+ 5·825	−3	E	...
...	55·605	−55·415	−1	..	...
*	54·484	− 7·845	1·65	43.9811	8·6
...	−54·205	+10·253	−3	M	...
...	52·935	−39·145	0·95	43.9812	10·2
*	52·778	+37·597	1·00	...	...
*	52·716	+42·068	1·00	...	...
...	52·522	− 9·495	−3	...	...
11					
	−51·494	−21·199	0·70	...	...
...	50·694	−20·475	0·65	...	...
..	50·596	+56·285	−3	M	...
S *	50·409	−27·014	1·80	43.9813	8·0
*	49·334	−26·480	1·05	43.9814	10·0
...	−48·760	+36·429	−2	M	...
...	48·760	−29·564	−4	M	...
S *	46·967	+41·242	3·00	42.9662	7·4
...	46·560	−54·997	0·95	..	...
...	46·359	+36·488	−3	M	...
21					
...	−45·554	+30·951	−2	M	...
...	44·000	−24·532	0·75	...	...
...	43·692	+14·622	0·65	..	...
*	43·594	−59·189	1·40	44.10404	9·2
*	42·449	− 0·368	1·10	43.9815	10·0
.	−41·467	+46·827	−1	...	...
.	40·788	+33·994	−3	M	...
...	40·574	+39·275	−2	M	...
...	37·871	−36·300	−3	...	...
...	36·681	+ 8·991	0·70	..	...
31					
...	−35·904	+16·459	0·95	...	...
*	35·705	−37·658	1·00	43. 1	10·2
..	34·468	+28·854	−2	...	...
...	34·252	+46·172	0·90	...	...
...	33·127	+34·026	−2	..	...
...	−32·562	−52·045	−4	...	...
*	32·365	+21·218	1·55	42. 1	9·2
S *	31·178	+33·061	2·78	42. 3	8·0
*	31·176	+34·357	1·00	42. 2	9·6
...	29·585	−56·162	−1	...	...
41					
S *	−29·308	− 7·130	1·63	43. 2	9·0
..	26·855	− 3·460	−2	...	...
...	26·468	+50·131	0·95	...	...
...	26·124	−15·935	0·75	...	...
*	25·376	−18·297	1·00	...	...
..	−24·860	−42·737	−1	...	...
...	24·619	+22·998	−3	...	...
.	25·585	−31·201	0·95	43. 3	10·2
*	24·008	−43·623	1·05	43. 4	10·2
*	23·842	+17·353	1·40	42. 4	9·4
51					
...	−23·799	−47·001	−2	...	...
...	22·520	+27·774	0·70	...	...
...	22·516	+38·676	0·65	...	...
*	22·195	+12·427	1·50	42. 5	9·4
*	22·005	+27·211	1·00	...	...
...	−21·858	+37·755	−2	M	...
...	21·459	+21·122	0·70	...	...
...	20·386	+31·813	−3	M	...
*	20·096	+34·719	1·00	...	...
...	19·874	−22·645	−1	.	...
61-120					
61					
...	−19·168	−44·101	−1	...	...
...	19·155	−24·669	−4	...	...
*	18·912	−30·083	1·40	43. 5	9·2
...	17·394	− 8·132	0·65	...	...
*	17·276	−43·303	1·00	43. 6	10·2
...	−17·255	−45·953	0·70	...	...
...	15·698	− 4·806	−4	...	...
...	15·188	+36·730	−2	...	...
...	14·395	+16·470	0·70	...	...
...	13·193	+53·414	−3	...	...
71					
*	−12·915	−28·495	1·20	43. 7	9·4
...	12·413	+18·151	0·90	...	...
...	11·998	−13·163	−4	...	...
...	10·284	+ 5·181	−4	M	...
*	8·217	+33·387	1·60	42. 6	9·0
...	− 8·137	+41·003	−4	M	...
...	5·892	+51·256	0·80	...	...
*	5·130	+49·309	1·00	..	...
†	5·042	+47·451	0·85	...	...
...	4·697	− 1·676	−4	...	...
81					
...	− 4·263	−18·948	−3	...	...
..	1·183	−38·045	−2	...	...
...	0·780	−48·300	0·65	...	...
...	0·488	−52·007	0·80	...	...
..	− 0·326	−50 903	0·80	...	...
...	+ 0·205	+13·787	−4	m	...
...	2·212	+41·847	−4	m	...
†	2·961	−29·856	−4	...	...
...	5·330	+ 3·580	0·85	...	...
*	6·052	−26·007	1·05	...	...
91					
...	+ 7·754	+38·462	−1	...	...
...	8·379	+26·083	−4	m	...
...	8·676	+37·340	−4	m	...
*	9·718	+11·507	1·55	42. 9	9·0
...	9·797	−17·490	−4	...	...
...	+11·335	+43·953	−4	m	...
...	12·418	+52·538	−4	m	...
...	12·666	−57·295	−1	...	...
*	13·030	+14·880	1·00	...	...
...	13·698	−57·336	−2	...	...
101					
...	+13·757	− 3·253	0·75	...	...
†	13·911	+44·916	0·70	...	...
..	13·921	+ 8·343	−4	m	...
..	14·155	+55·644	−4	m	...
...	14·213	+54·605	−3	m	...
...	+15·823	+ 5·798	−1	...	...
...	15·837	+27·088	0·80	...	...
*	17·552	−39·106	1·20	43. 8	9·8
...	18·540	−55·311	−2	...	...
...	19·026	+26·309	0·65	..	...
111					
...	+19·460	+48·348	−2	...	...
...	19·743	−22·515	0·70	...	...
...	20·180	− 6·208	−5	...	...
S *	21·023	+16·292	3·50	42. 10	7·0
...	24·849	+41·059	−3	m	...
...	+26·362	+36·281	−2	m	...
...	26·776	+46·012	−3	m	...
*	28·626	−43·347	2·90	43. 9	7·5
...	29·262	+40·456	−2	...	...
...	29·276	+18·965	0·75	...	...
121-169					
121					
...	+30·646	−10·172	0·70	...	...
...	30·938	+47·972	0·65	...	...
...	31·286	+49·645	−3	m	..
...	31·663	+10·772	0·75	..	...
*	32·398	−59·130	1·55	44. 14	8·6
S *	+33·992	−37 447	2·88	43. 10	7·2
...	35·178	+37·593	0·65	...	...
...	35·560	+12·854	0·65	...	...
...	39·379	−38·589	0·70	...	...
...	40·205	+46·446	−4	m	...
131					
...	+40·275	+ 3·986	0·65	...	...
...	40·288	−34·761	0·95	43. 11	10·2
S *	40·378	+14·085	1·50	42. 12	8·6
...	40·400	−20·960	−1	...	...
...	40·571	− 2·787	0·85	...	...
...	+40·648	−45·679	−3	...	...
...	41·031	−35·030	−4	...	..
...	41·408	+23·717	0·90	...	...
...	41·855	+55·200	−1	...	...
*	43·072	+22·804	1·05	42. 13	9·7
141					
*	+43·783	−20·142	1·05	43. 12	9·8
†	43·901	−44·891	1·20	43. 13	9·4
...	44·059	−29·105	−3	...	..
...	44·770	+31·709	0·85	..	...
*	44·984	+ 8·811	1·00	42. 14	9·9
...	+45·296	+27·607	−4	m	...
*	45·504	+12·060	1·00	42. 16	10·2
*	45·704	+34·300	1·05	42. 15	9·8
S *	46 339	−47·856	1·58	43. 14	8·8
...	47·265	+23·287	−2	...	...
151					
...	+49·344	−46·013	−4	...	...
*	51·198	+37·491	1·00	42. 17	10·2
...	51·814	+10·601	0·90	...	...
*	52·951	+24·353	1·00	...	...
...	53·504	−49·219	0·90	...	...
...	+53·635	− 3·257	−4	e	...
...	53·954	−40·631	−1	e	...
...	54·064	−15·541	−5	m	...
...	56·267	− 1·606	−4	e	...
...	56·331	−17·695	0·80	...	...
161					
*	+56·927	+ 8·926	1·00	...	...
†	57·489	+19·995	1·25	42. 18	8·4
...	57·508	−42·497	−3	...	...
...	57·735	+12·277	0·90	...	...
...	57·762	+45·832	−1	...	...
S *	+57·869	+16·324	1·90	42. 19	8·0
*	57·879	− 3·607	1·45	43. 15	9·2
...	58·438	− 2·384	−2	...	...
...	59·262	−36·823	−3	...	...

B measured from 1, 20, 60, 86, 113, 130.
B ... ,, 15, 40, 75, 96, 121, 152.

1–50

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1					
...	−59·022	−46·141	−5	...	...
...	58·248	+10·489	0·80	...	...
...	57·511	+24·284	0·80	...	...
...	56·013	− 3·287	−4	E	...
...	54·749	−49·249	0·65	...	...
†	−54·573	−40·620	−4	E	...
...	53·418	− 1·563	−4	E	...
...	53·350	+45·891	−1	...	..
...	53·078	+ 8·986	0·90	...	...
...	52·891	−17·648	−1	...	...
11					
‡	−52·863	+20·033	1·65	42. 18	8·4
...	52·374	+12·349	−1	...	...
S *	52·344	+16·401	2·90	42. 19	8·0
...	52·173	+51·345	−3	...	...
*	51·745	− 3·519	1·70	43. 15	9·2
...	−51·232	− 2·282	−4	...	...
...	50·970	−42·389	−5	...	...
...	49·370	−36·674	−4	..	...
*	49·356	+46·522	1·30	42. 20	9·6
...	46·005	+34·189	0·80	...	...
21					
...	−45·371	− 6·167	−1	...	...
...	43·963	−49·605	−3	...	...
...	43·797	+45·492	−1	...	...
...	43·639	−31·038	−4	...	...
...	43·632	−53·863	−4	...	...
...	−43·578	+ 4·131	−4	...	...
...	43·324	+14·489	−5	M	...
S *	43·289	−13·863	1·83	43. 16	8·4
...	43·225	+21·907	0·80	...	...
*	42·921	−40·769	1·40	43. 17	9·4
31					
...	−42·785	−18·917	−4	...	...
...	42·539	−30·220	0·85	43. 18	9·8
...	41·436	+58·347	−5	M	...
...	41·185	+23·474	−5	...	...
..	41·118	+ 2·201	−5	M	...
...	−40·898	−16·325	−4	...	...
...	39·946	−38·019	−1	...	...
...	39·935	+ 3·022	−4	...	...
*	39·247	−33·342	3·00	43. 19	7·3
...	38·943	−52·144	−5	A	...
41					
S *	−36·484	+41·501	1·65	42. 21	8·8
...	35·811	−36·234	0·70	43. 20	10·2
...	33·691	−50·181	0·65	...	...
...	33·624	+35·447	−1	...	...
...	31·798	+54·399	0·80	...	...
...	−31·727	+42·375	0·65	...	...
...	30·294	−50·770	−4	...	...
...	28·300	+45·206	−3	A	...
...	28·177	+38·105	0·70	...	...
*	27·135	−11·141	1·60	43. 21	9·2

51–100

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
51					
...	−27·110	+46·910	−4	A	...
S *	26·563	+ 2·882	1·55	43. 22	9·2
...	26·373	− 1·774	−1	...	...
...	26·270	+34·806	−3	...	...
...	22·462	+40·331	−5	...	...
*	−22·324	+40·868	1·00	42. 23	10·2
...	22·099	+24·630	−4	...	...
...	20·796	−57·940	0·80	44. 30	10·2
†	19·735	−44·593	−2	...	..
†	19·409	+45·046	−1	...	...
61					
...	−16·235	+45·333	−4	M	...
...	15·087	−33·303	−2		...
...	14·602	+48·314	−4	...	...
S *	13·776	−47·490	3·75	43. 23	6·5
...	11·499	−33·200	−4	...	...
...	−10·710	− 2·592	−4	...	...
...	8·522	+58·131	−1	...	...
...	8·427	−12·261	−3	43. 24	10·2
...	8·363	−59·001	0·70	..	...
...	8·085	− 8·482	−4	...	...
71					
...	− 6·782	−57·189	−2	...	...
...	6·638	−36·157	−3	...	...
*	6·164	−55·435	1·25	44. 35	9·6
...	4·581	−22·659	−4	...	...
*	3·693	−38·256	1·80	43. 25	8·6
*	− 2·369	+ 2·528	1·30	43. 26	9·4
...	− 0·097	+57·204	−4	M m	...
...	+ 0·144	+10·225	−4	m	...
...	0·472	−11·936	−2	43. 27	9·8
...	0·621	+ 6·989	−3	...	...
81					
...	+ 2·344	−40·080	0·90	...	...
...	2·510	+28·341	0·85	...	...
...	3·318	+ 6·972	−4	M m	...
S *	4·767	− 7·020	1·70	43. 28	9·2
..	4·800	−19·209	−3	...	...
...	+ 6·232	+20·953	−4	m	...
..	6·436	− 2·331	−3	43. 29	10·0
...	6·577	+40·985	1·00	...	...
...	8·117	+17·820	1·00	42. 24	9·9
...	10·266	+54·132	1·00	...	...
91					
...	+11·356	+26·759	−4	...	...
...	11·766	−41·260	−5	...	...
...	13·160	− 7·861	−2	43. 30	10·2
...	13·910	+ 9·911	0·65	42. 25	10·1
...	15·387	+24·467	−5	...	...
*	+16·607	−43·043	1·40	43. 31	9·6
...	18·502	−34·669	−5	...	...
*	19·865	−17·364	1·00	43. 32	9·6
*	19·997	−29·959	1·20	43. 33	9·6
*	22·589	+44·604	1·30	42. 27	9·4

101–144

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
101					
*	+22·990	+19·890	1·10	...	...
...	24·034	+13·741	−5	...	..
...	25·518	+18·887	−1	...	...
*	25·554	+46·200	1·80	42. 28	9·0
S *	25·827	+30·578	2·85	42. 29	8·1
...	+28·968	− 4·612	−4	...	...
...	29·184	+22·276	−3	...	...
*	29·991	+13·761	1·60	42. 30	9·4
...	30·445	−51·829	−4	...	...
...	30·920	+36·837	−4	m	...
111					
..	+32·234	+48·904	−4	m	..
...	35·243	−34·321	0·65	...	...
...	35·245	−51·128	−3	...	...
..	35·395	+54·432	0·80	...	...
...	35·552	− 9·554	−1	...	...
...	+37·396	+30·209	−4	m	...
...	37·421	−56·748	−2	...	...
*	37·662	− 0·242	1·00	43. 34	9·8
...	38·126	+11·069	−4	...	...
...	39·300	−46·726	−1	...	...
121					
.	+39·309	−30·558	−3	...	...
..	39·322	− 2·999	−3	...	.
..	40·510	+34·844	−4	...	...
...	40·556	+17·883	−5	...	...
...	41·064	+48·790	0·90	...	...
..	+41·424	−30·607	−4	...	...
...	41·696	− 3·415	−3	...	...
..	43·355	+26·943	−1	...	...
...	43·907	− 2·114	−3	...	...
S *	45·292	−45·743	1·85	43. 35	8·6
131					
...	+45·908	+33·574	−4	...	...
...	46·234	−25·091	−5	...	...
*	48·755	− 6·577	1·40	43. 36	9·4
..	49·443	−16·810	0·65	43. 37	9·8
...	49·560	−40·710	−1	...	...
...	+49·590	− 8·277	0·65	43. 38	9·8
...	51·376	+14·748	−1	...	...
...	51·736	+18·141	−2	...	...
...	52·187	−22·660	−5	...	...
...	52·617	−19·750	−5	...	...
141					
S *	+53·759	− 4·126	1·55	43. 39	8·9
S *	55·357	+33·167	3·00	42. 32	7·8
*	56·361	+17·373	1·50	42. 33	9·7
...	58·326	+23·137	−1	...	...

B measured from 1, 39, 74, 103.
CH , ,, 18, 55, 90, 123.

1–60

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1					
..	−58·948	−40·852	0·70	...	...
...	58·802	+14·634	0·90	...	...
...	58·553	+18·034	0·80	...	...
...	56·873	−22·736	− 3	...	...
...	56·523	−19·810	− 3	...	...
S *	−55·847	− 4·149	1·68	43. 39	8·9
S *	55·343	+33·163	2·90	42. 32	7·8
*	53·889	+17·412	1·60	42. 33	9·7
...	52·111	+23·224	0·70	...	...
†	51·238	+54·940	0·90	...	...
11					
...	−49·428	− 5·369	0·80	...	...
...	48·466	+ 4·729	0·90	...	...
*	46·742	− 2·636	1·50	43. 40	9·2
*	46·236	−33·255	1·00	...	...
...	45·840	−20·451	− 4	...	...
...	−45·682	+57·696	− 4	M	...
...	45·116	−12·509	− 3	...	...
...	43·724	+41·747	− 4	M	...
...	43·441	+35·333	0·70	...	..
...	42·943	−23·833	− 3	...	..
21					
...	−42·930	+ 0·965	− 1	...	...
...	41·798	+22·105	0·80	...	...
...	41·360	−48·384	− 4	...	...
...	40·468	+25·943	0·80	...	...
*	40·218	+ 8·865	7·00	42. 34	4·7
*	−39·815	+26·144	1·30	42. 35	9·3
*	38·033	+32·180	1·10	42. 36	10·0
S	37·635	+ 6·082	1·70	43. 41	8·8
*	35·623	+35·755	1·10	42. 37	10·1
S *	35·541	−46·338	1·00	43. 42	9·6
31					
...	−35·332	− 1·413	− 2	...	...
...	35·073	−53·933	− 4	...	...
...	34·760	− 9·133	0·70	...	...
...	34·465	+19·180	− 3	...	...
...	33·553	−41·678	− 3	...	...
..	−33·525	+45·114	0·80	...	...
...	32·278	+57·786	− 4	...	...
...	31·737	+32·440	0·70	...	...
...	30·688	+58·160	− 1	...	...
...	29·902	+30·031	0·95	...	...
41					
...	−29·708	+42·292	− 4	...	...
...	29·256	+52·392	0·65	...	...
...	28·317	−57·446	− 3	...	...
.	26·562	+45·822	− 4	M	...
..	24·901	+27·859	− 4	M	...
*	−24·448	−48·531	1·20	43. 43	9·4
.	22·029	−45·003	0·65	...	...
...	22·013	+16·339	− 3	...	...
*	21·913	+28·677	1·35	42. 39	9·4
...	20·516	−55·114	− 3	...	...
51					
...	−20·421	−48·173	0·95	...	...
...	20·398	−28·872	− 2	...	...
*	19·826	−47·721	1·05	43. 44	9·8
...	18·601	+22·545	0·80	...	...
...	18·083	−25·394	0·90	43. 45	9·8
...	−18·019	−44·012	− 3	...	...
...	17·722	−53·331	− 3	...	...
..	17·654	−51·995	0·90	...	...
*	17·203	−16·327	1·20	43. 46	9·6
*	16·620	−59·707	1·00	44. 50	9·8

61–120

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
61					
*	−15·227	−58·121	1·00	44. 51	9·8
S *	12·238	− 9·627	1·75	43. 47	8·8
...	10·316	+33·628	0·90	...	...
...	9·162	−16·964	0·70	...	...
...	7·139	−40·850	− 4	...	...
...	− 7·005	−50·485	0·70	...	...
...	6·299	+55·381	− 3	...	...
...	5·141	+11·964	0·80	...	...
...	3·479	−52·775	− 2	...	...
...	2·270	+36·024	0·85	...	...
71					
...	− 1·639	−10·785	− 2	...	...
*	− 0·885	+31·531	1·00	42. 40	10·0
...	+ 0·845	−18·743	− 3	...	...
...	1·430	−21·574	− 1	43. 48	9·8
...	1·693	+50·474	− 3	...	...
...	+ 2·307	−59·010	− 4	...	...
...	4·188	−59·243	− 2	...	...
...	4·523	−10·542	− 1	43. 49	9·8
...	6·848	+51·018	− 1	...	...
*	7·183	+37·553	1·00	...	...
81					
...	+ 9·433	+ 3·578	− 1	...	...
*	9·910	+24·314	1·10	42. 42	10·1
...	10·007	+22·197	− 3	...	...
†	10·379	− 6·207	− 1	...	...
...	11·898	+34·527	− 1	...	...
*	+12·025	+37·909	1·30	42. 44	9·4
...	12·244	−59·558	− 1	...	...
S *	12·573	−54·486	1·68	44. 58	8·9
*	12·642	−50·703	1·85	43. 50	8·6
...	13·263	−46·049	− 2	...	...
91					
S *	+13·946	+ 9·232	1·85	42. 45	8·5
*	13·978	−19·053	1·00	43. 51	9·8
...	14·125	−44·277	− 4	...	...
...	14·971	+20·988	− 4	...	...
*	15·102	+34·049	1·70	42. 46	8·6
...	+15·128	+46·593	0·65	...	...
*	16·018	+57·762	1·00	...	...
...	16·050	−57·149	0·90	...	...
...	16·090	+35·506	− 3	...	...
...	16·850	−21·055	− 3	...	...
101					
*	+18·606	− 1·842	1·30	43. 52	9·6
...	18·814	−39·155	− 4	...	...
*	18·814	−50·136	1·10	43. 53	9·8
...	20·963	− 4·417	− 3	...	...
...	22·882	+52·057	− 4	...	...
...	+22·982	+38·796	− 2	...	...
...	24·666	+12·387	− 4	...	...
*	26·341	−37·745	1·10	43. 54	9·8
...	27·773	+23·724	− 2	...	...
*	28·478	+21·245	1·50	42. 49	8·6
111					
S *	+28·504	+48·073	1·48	42. 48	9·0
...	30·183	+ 5·906	− 2	...	...
...	31·193	− 1·940	− 4	...	...
...	33·382	+57·262	− 4	...	...
...	34·503	−54·576	0·70	...	...
...	+35·549	+40·629	− 1	...	...
...	36·682	+48·019	0·90	...	...
...	37·316	−58·816	1·00	...	...
...	37·723	−38·439	− 3	...	...
...	38·978	−24·172	0·65	...	...

121–156

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
121					
...	+39·560	+37·058	− 1	...	...
...	39·577	−24·674	− 3	...	...
...	39·626	−41·571	0·70	...	...
...	39·660	+ 5·781	− 2	...	...
...	40·952	−25·410	− 4	...	...
...	+41·198	+39·208	− 3	...	...
*	42·025	+28·872	1·20	42. 50	10·1
...	42·088	− 2·918	− 4	...	...
*	42·834	−39·380	1·00	...	...
S *	43·036	− 9·402	1·28	43. 55	9·3
131					
...	+43·220	−30·284	− 4	a	...
...	43·311	−28·893	− 4	...	...
...	43·321	+46·819	0·80	...	...
*	43·685	+26·943	1·20	42. 51	10·0
...	44·504	−12·208	− 4	...	...
...	+44·982	+34·502	− 4	...	...
*	45·596	+21·361	1·10	...	...
...	48·339	+12·114	0·70	...	...
...	48·670	−33·466	− 4	...	...
...	48·971	+25·167	− 4	...	...
141					
...	+49·066	−53·807	− 4	...	...
S *	49·088	+ 0·676	3·80	43. 56	6·8
...	50·338	− 4·562	0·75	...	...
...	50·350	+26·838	0·85	...	...
*	50·620	+26·888	1·20	42. 52	9·7
...	+50·994	−23·764	0·75	...	...
...	51·521	+31·652	− 4	...	...
...	53·255	−16·763	− 4	...	...
*	54·655	+30·933	1·10	42. 53	10·1
...	55·361	+ 3·712	0·80	...	...
151					
...	+57·442	−58·385	− 4	...	...
...	57·614	+ 6·212	− 4	...	...
...	58·203	−28·985	− 3	...	..
...	58·458	+20·709	− 3	...	...
S *	59·875	+43·169	1·73	42. 54	8·6
...	+59·909	+42·039	− 1	..	...

B measured from 1, 42, 79, 116.
CH ... ,, 18, 62, 104, 137.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1–50					
1					
…	−59·225	− 4·700	− 2	…	…
…	57·995	−23·890	− 2	…	…
…	55·980	+30·902	0·75	42. 53	10·1
…	55·955	−16·830	− 5	…	…
…	54·461	+ 3·711	− 2	…	…
…	−52·270	+ 6·279	− 4	…	…
…	51·881	+20·793	− 5	…	…
S *	51·138	+43·299	2·00	42. 54	8·6
…	51·046	+42·171	− 4	…	…
…	50·646	−28·885	− 5	…	…
11					
…	−50·533	−58·293	− 5	…	…
…	49·368	+33·789	0·80	42. 55	10·0
…	49·191	+37·338	− 1	…	…
…	48·843	+42·762	− 3	…	…
…	47·933	+40·561	− 4	…	…
*	−47·869	−40·988	1·20	43. 57	9·8
*	46·419	−42·134	1·10	43. 58	9·8
…	43·439	−32·968	− 5	…	…
…	42·725	+36·038	− 5	…	…
*	42·435	+26·978	1·20	42. 56	10·1
21					
…	−41·119	+31·376	− 3	…	…
…	40·526	+44·810	− 5	…	…
..	38·674	+ 7·378	− 4	..	…
…	38·212	−12·921	− 5	…	…
S *	37·777	−47·605	2·75	43. 59	8·2
*	−36·465	− 3·856	1·20	43. 60	9·8
…	34·789	+40·923	0·90	42. 57	10·1
…	32·305	+24·153	− 5	…	…
…	31·818	+ 3·859	− 5	…	…
*	30·176	−18·927	1·20	43. 61	9·8
31					
†	−29·918	−40·175	− 5	…	…
*	29·658	+40·744	2·10	42. 58	8·6
…	29·088	+28·453	− 3	…	…
…	29·033	+ 2·908	− 5	…	…
*	25·409	−41·305	1·00	43. 62	9·8
*	−25·206	−38·126	1·00	43. 63	9·8
…	23·292	−31·957	− 4	…	…
…	21·484	−10·779	− 5	…	…
…	19·029	+31·515	− 5	…	…
*	19·026	+51·406	3·10	42. 60	7·4
41					
*	−17·348	−33·498	1·05	43. 64	9·6
…	16·496	+45·235	− 2	…	…
…	15·283	−27·219	− 5	…	…
…	12·541	+38·886	− 4	…	…
…	12·431	+18·453	− 5	…	…
…	−12·398	− 4·855	− 2	…	…
…	10·469	+26·451	− 4	…	…
†	10·060	+23·512	− 4	…	…
S *	9·720	−50·743	2·95	43. 65	7·6
…	8·304	+ 3·530	− 5	…	…
51–100					
51					
…	− 8·174	+18·427	− 3	…	…
S *	8·135	+33·016	2·35	42. 61	8·1
†	7·819	+ 0·312	0·65	43. 67	9·8
*	7·814	−23·871	1·10	43. 66	9·3
S *	7·218	−12·115	1·80	43. 68	8·6
..	− 5·852	−36·907	− 4	…	…
*	4·263	−28·113	1·00	43. 69	9·8
*	3·949	−28·758	1·10	43. 70	9·6
..	2·790	+21·452	− 5	〃	…
*	1·210	−28·791	1·20	43. 71	9·8
61					
…	− 0·819	+10·591	− 5	M 〃	…
S *	− 0·459	+47·606	2·95	42. 62	8·0
…	+ 0·617	− 3·574	− 4	…	…
…	2·434	−28·226	− 2	…	…
…	2·602	+51·460	− 3	…	…
…	+ 3·405	−12·281	− 3	…	…
…	4·248	−50·245	− 5	..	…
…	4·452	+10·846	− 5	〃	…
…	4·488	+41·414	− 5	M	…
…	4·761	−44·721	− 2	…	…
71					
…	+ 4·952	−29·320	− 4	…	…
…	5·018	+46·533	− 4	…	…
…	6·407	−20·591	− 5	…	…
…	6·604	−27·641	− 5	…	…
…	6·846	+40·067	− 5	…	…
…	+ 9·057	+35·422	− 3	…	…
…	9·225	+ 1·522	− 5	〃	…
…	9·756	−31·420	− 4	…	…
*	10·496	−30·470	1·20	43. 72	9·8
S *	11·204	−37·650	1·60	43. 73	8·8
81					
…	+12·819	+ 9·031	− 4	…	…
…	13·896	+53·138	− 4	…	…
…	13·979	− 4·887	− 4	…	…
…	14·098	+22·070	− 4	…	…
…	14·624	+28·219	0·80	…	…
…	+16·745	+10·621	− 5	〃	…
…	18·627	−19·071	− 5	…	…
*	18·637	+ 4·658	1·00	43. 74	9·8
…	19·824	+16·395	− 5	..	…
S *	21·079	+26·098	2·00	42. 64	8·4
91					
…	+22·505	+37·351	− 2	…	…
*	23·244	−35·903	1·10	43. 75	9·8
*	23·730	−51·976	1·20	44. 84	9·6
*	23·765	−40·474	3·60	43. 76	7·0
…	25·492	− 3·854	− 5	…	…
…	+25·658	+ 8·480	− 5	m	…
…	26·851	+39·770	− 5	〃	…
…	27·438	+54·387	− 1	42. 65	10·1
…	27·515	− 6·920	− 4	…	…
…	27·945	−55·583	− 3	44. 85	9·8
101–127					
101					
…	+31·126	−36·645	− 5	…	…
…	31·583	−55·988	− 4	…	…
*	32·736	−39·276	1·25	43. 77	9·3
S *	33·452	+ 2·606	1·20	43. 78	9·3
*	34·280	+49·717	1·20	42. 66	9·7
…	+34·540	+48·610	− 1	…	…
S *	37·167	−46·083	2·00	43. 79	8·8
…	37·942	−17·459	− 5	…	…
…	39·142	−51·688	− 5	…	…
*	39·169	−41·879	1·60	43. 80	8·9
111					
…	+39·518	+44·544	− 5	〃	…
…	40·463	−28·955	− 4	…	…
…	43·186	+ 5·984	− 3	…	…
…	43·216	+ 5·495	− 1	…	…
…	43·916	−39·151	− 1	43. 81	9·8
…	+44·555	+17·442	− 5	〃	..
…	44·733	− 4·884	− 2	…	…
…	46·046	+47·595	− 5	〃	…
…	46·838	+48·037	− 4	…	…
…	47·146	+47·845	− 5	…	…
121					
*	+49·210	− 1·011	1·10	43. 82	9·8
…	49·779	−50·333	− 4	…	…
*	53·192	− 9·176	3·00	43. 83	8·0
†	54·930	+ 0·406	0·70	43. 84	9·8
…	56·032	−32·075	− 3	…	…
S *	+57·100	−13·703	5·40	43. 85	5·7
…	58·733	− 6·489	− 5	…	…

CH measured from 1, 63.
B ,, ,, 32, 101.

1–60

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
1					
...	−58·478	−59·486	− 3	...	...
*	56·248	− 9·226	2·70	43. 83	8·0
.	54·813	+ 0·388	1·15	43. 84	9·8
...	52·762	−32·028	− 1	...	...
S *	52·205	−13·951	4·65	43. 85	5·7
...	−50·826	− 6·391	− 5	...	...
*	50·286	+17·903	1·00	...	...
...	49·716	+43·721	− 4	...	...
...	49·166	−18·824	− 4	...	...
...	48·542	+55·005	− 4	...	...
11					
...	−48·223	+50·478	− 5	M	...
...	48·134	+ 2·553	0·70	...	...
...	47·983	+18·073	− 3	...	...
...	47·754	+28·739	− 5	M	...
...	47·671	+26·134	− 5	M	...
...	−47·[illegible]	+19·187	− 4	...	...
S *	45·41	−41·630	2·73	43. 86	7·8
*	45·393	− 5·826	1·80	43. 87	8·9
...	45·243	+22·044	− 1	...	...
*	44·106	+32·496	2·10		
21				42. 68	8·0
*	−43·996	+32·524	1·55		
...	42·532	−26·004	− 3	...	...
...	41·792	+ 3·729	− 5	M	...
...	41·700	+21·218	− 4	M	...
*	39·341	+ 3·170	1·15	43. 88	9·8
...	−38·024	−47·640	− 1	...	...
*	37·935	−51·184	1·05	43. 89	9·8
*	37·534	+33·386	1·30	42. 69	10·2
*	37·356	−23·837	1·00	...	...
...	36·992	+16·342	− 5	M	..
31					
*	−36·824	+43·647	1·60	42. 70	9·2
...	36·59[illegible]	−28·397	− 5	...	...
...	34·279	− 8·437	− 3	...	...
S *	34·226	+17·455	2·75	42. 71	8·6
...	31·341	+55·962	− 5	...	...
...	−31·[illegible]74	+ 2·389	− 4	M	...
S ‡	29·937	+36·315	1·65	42. 72	9·3
*	29·416	+ 2·138	1·00	43. 90	10·2
*	28·882	+17·555	1·40	42. 73	9·4
...	28·571	−42·574	− 2	...	...
41					
...	−26·839	+21·313	− 5	M	...
.	26·733	+21·862	0·85	...	...
..	26·375	+41·496	− 5	M	...
*	25·961	−53·[illegible]03	1·65	44. 97	9·4
..	25·911	−35·811	− 5	...	...
‡	−25·[illegible]	+19·622	0·80	...	...
‡	24·845	−39·099	− 5	...	...
*	23·711	+16·629	1·00	...	...
..	23·593	+47·871	0·90	...	...
...	23·402	+24·375	0·90	...	...
51					
...	−22·111	−33·285	0·80	...	...
...	21·341	−37·852	− 5	...	..
...	20·592	+47·[illegible]07	− 5	...	...
...	18·827	+46·780	− 3	...	..
.	18·[illegible]40	−12·[illegible]77	− 4	...	...
...	−18·625	+48·662	− 4	...	...
*	17·844	+29·[illegible]87	1·00	...	...
...	17·357	−12·414	− 5	...	...
...	17·261	+44·201	− 5	M	...
...	17·147	−50·062	− 4	...	..

61–120

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
61					
*	−17·123	+39·826	1·30	42. 74	10·0
...	16·340	+26·237	− 5	M	...
...	15·296	−52·275	0·70	..	...
...	15·248	−18·610	− 5	...	...
*	14·745	−40·860	1·00	43 91	10·2
*	−13·318	+47·742	1·50	42. 75	9·5
...	13·084	+ 5·927	− 4	M	...
...	12·985	+52·300	0·75	...	...
...	12·567	−44·981	− 4	...	...
...	12·517	+54·643	− 3	...	...
71					
...	−11·018	−19·254	− 5	...	...
†	10·094	+52·807	− 2	...	...
...	9·865	+19·699	− 3	...	...
*	9·390	+52·628	1·20	42. 76	10·1
...	8·550	+16·222	− 5	M	...
...	− 7·453	+33·856	− 4	...	...
S *	7·045	− 6·429	3·45	43. 92	6·8
...	6·964	− 0·547	0·90	43. 93	10·2
*	5·751	−51·023	1·00	43. 94	10·2
...	4·886	− 3·946	− 5	...	...
81					
...	− 3·694	−54·924	− 5	..	...
*	3·355	+ 6·372	1·90	43. 95	8·7
...	2·926	−54·759	− 4	...	...
...	1·870	−44·[illegible]10	− 5	...	...
...	1·722	+44·949	− 3	...	...
*	− 1·638	−29·901	1·10	43. 96	10·2
...	1·284	+53·530	− 4	...	..
*	− 0·790	+ 0·993	1·15	43. 97	9·8
...	+ 0·367	−57·564	− 4	...	...
...	0·534	−38·818	0·65	...	...
91					
...	+ 1·719	+27·971	0·75	...	...
...	3·823	+ 1·129	− 5	M m	...
S *	4·076	−56·409	4·65	44. 101	6·8
...	4·130	+56·384	− 5	M	...
...	4·583	+56·837	− 2	...	..
*	+ 5·422	+27·029	1·05	...	...
‡	7·283	−39·508	1·70	43. 98	8·8
...	7·345	+ 2·150	− 5	m	..
*	9·648	+ 6·055	1·25	43. 99	9·5
...	10·426	−23·294	− 5	...	...
101					
...	+10·486	− 9·202	− 5	..	...
...	10·902	+30·666	− 4	...	...
...	11·222	+30·086	− 1	...	...
S *	11·877	+53·956	2·25	42. 77	8·3
*	12·001	−55·273	1·05	44. 103	10·2
S *	+12·056	+16·967	1·38	42. 78	9·6
...	12·893	−39·889	− 3	...	..
...	13·744	+ 4·492	− 5	m	...
...	14·018	−15·226	0·80	...	.
...	14·242	−42·976	− 2	...	...
111					
...	+17·186	−40·234	− 4	...	..
...	17·268	−15·626	− 5	...	...
...	17·432	+56·263	− 2	..	...
...	18·180	−15·268	− 1	...	...
...	19·297	−40·515	0·75	...	...
*	+19·545	+58·034	1·25	42. 79	9·8
...	19·696	+ 3·001	− 3	m	...
‡	19·850	+27·865	1·35	42. 80	9·5
†	19·885	+48·880	− 2	...	...
...	22·959	+13·267	− 3	...	...

121–175

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
121					
*	+23·165	+13·871	1·50	42. 81	9·8
...	24·261	+21·591	− 4	m	...
S *	24·766	−11·286	2·90	43. 100	7·6
*	25·223	+12·910	1·25	42. 82	10·2
...	25·233	−25·797	0·80	...	...
...	+25·637	+37·355	− 5	m	...
...	26·292	−44·689	− 5	...	...
...	27·176	−15·180	− 5	...	...
...	27·326	−20·498	− 4	...	...
...	27·832	−57·582	− 5	...	...
131					
...	+28·411	+ 2·312	− 4	m	...
...	28·416	+41·574	0·65	...	...
‡	29·699	−19·634	2·10	43. 101	8·6
...	32·281	−56·284	− 1	...	...
..	32·503	−24·020	− 4	...	...
...	+33·701	+28·627	0·75	...	...
..	35·440	+ 1·756	− 5	m	...
...	36·061	+26·012	− 4	m	...
...	37·030	−40·197	0·80	...	...
...	37·178	+25·592	− 4	m	...
141					
*	+37·439	−43·800	1·20	43. 102	10·0
...	37·583	+13·612	− 5	m	...
...	38·010	+21·418	0·90	...	...
*	38·034	−21·265	2·00	43. 103	8·4
...	38·096	−53·580	− 5	...	...
...	+38·449	− 0·009	0·65	...	...
*	39·085	−57·721	1·40	44. 110	9·8
*	39·151	+24·314	1·00	...	...
...	39·410	− 5·595	0·85	...	...
†	39·912	− 0·591	− 3	...	...
151					
...	+40·595	−42·493	− 5	...	...
...	42·404	+ 1·422	− 5	m	...
...	43·470	−53·904	− 5	...	...
S *	43·651	−41·732	2·00	43. 104	8·8
‡	44·979	−36·007	1·15	43. 105	9·6
†	+45·181	+20·[illegible]83	− 2	...	...
...	45·194	−54·907	− 5	...	...
*	45·288	−29·843	1·20	43. 106	9·6
...	46·053	+59·579	− 5	...	...
...	46·263	+23·504	0·85	...	...
161					
...	+47·187	+ 4·310	− 2	...	...
...	48·512	+53·552	− 3	...	...
...	49·324	−55·338	− 5	...	...
...	50·311	+54·390	− 5	...	...
*	52·888	−10·831	1·05	43. 107	10·2
...	+53·195	−52·273	0·90	44. 111	10·2
...	54·391	−16·359	− 1	...	...
...	54·421	−19·214	− 1	...	...
..	54·720	−55·012	− 1	...	...
...	55·518	−37·033	− 5	...	...
171					
...	+55·968	−58·233	− 5	...	...
...	55·976	−47·581	− 5	...	...
...	56·943	+29·608	− 5	...	...
*	57·923	−35·611	1·10	43. 108	10·2
...	59·324	+17·388	− 2	...	...

B measured from 1. 54. 119.
H .. .. 25. 89. 150.

1–60

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
1					
...	−56·499	−10·870	1·00	43. 107	10·2
...	54·945	−52·284	− 1	44. 111	10·2
†	54·854	−16 362	− 3	...	...
...	54·722	−19·206	− 3	...	...
...	53·542	+29 655	− 5	E	...
..	−53·349	−54·975	0·70	..	...
...	52 31	−47·311	− 5	...	...
...	52·012	−58·154	− 5	...	...
...	50·910	+17·51	− 3	...	...
...	50·729	−35·4	1·00	43. 108	10·2
11					
S *	−50·324	+28·425	1·40	42. 86	9·4
...	49·542	+58·256	− 3	...	...
S *	47·895	−35·768	2·00	43. 109	8·6
...	46·277	− 2·56	− 1	...	...
...	46·083	− 19·2	− 3	...	...
...	−44·208	−48·853	− 3	...	...
..	43·945	−45·850	·80	...	...
...	43·861	−49·167	− 3	...	...
...	43·574	+ 3·8	− 2	...	...
...	43·525	+16·836	− 5	M	...
21					
..	−41·668	+47·8	− 5	...	...
...	40·588	−48·307	− 5	...	...
...	40·422	−40·337	− 3	...	...
...	40·244	−14·581	− 5	...	...
...	39·472	−31·433	− 5	...	...
...	−38·613	+23·813	− 4	...	...
...	37·642	+38·616	− 5	M	...
S *	36·887	−13·377	2·25	43. 110	8·2
...	36·377	+ 3·533	− 4	M	...
...	35·314	+ 8·187	0·65	...	...
31					
...	−34·502	+18·655	− 5	M	...
...	34·062	+20·612	− 1	...	...
...	33·220	− 5·180	− 2	...	...
...	31·538	+29·778	0·65	...	...
...	30·441	−30·340	− 5	...	...
*	−29·816	+55·486	1·70	42. 87	9·3
...	29·063	−55·120	− 4	...	...
...	27·913	−42·996	− 5	...	...
...	26·985	−46·818	− 1	...	...
...	26·861	−23·882	− 2	...	...
41					
...	−25·499	+11·018	− 2	...	...
...	24·829	−45·852	0·95	43. 111	10·2
...	24·652	−42·843	− 3	..	...
...	23·538	−43·785	− 3	...	...
†	20·096	+32·082	0·95	...	...
...	−19·369	+28·594	− 5	M	...
..	19·014	+56·637	− 5	...	...
...	18·668	+44·633	1·00	...	...
...	17·838	−25·952	1·00	43. 112	10·2
...	17·602	−36·740	− 5	...	...
51					
...	−17·303	−19·491	− 4	...	...
...	16·937	+21·095	0·80	...	...
...	16·896	+47·763	0·80	...	...
...	15·943	−20·261	− 4	...	...
...	15·625	− 5·901	− 5	...	...
...	−15·315	+50·735	1·00	42. 88	10·2
...	15·299	+19·677	− 2	...	...
‡	14·862	−53·116	2·10	44. 119	8·6
...	14·799	−58·198	− 1	...	...
*	14·489	+32·178	1·10	42. 89	10·1

61–120

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
61					
...	−13·215	+ 7·129	− 4	M	...
...	12·700	+49·258	− 4	M	...
...	11·816	− 7·318	0·75	...	...
...	11·707	− 8·920	− 1	...	...
...	11·576	+23 536	− 5	M	...
...	−11·192	−15·554	− 5	...	...
...	11·176	−35·679	0·95	43. 113	10·2
...	10·808	+ 9·809	− 5	M	..
...	10·652	+27·434	0·70	...	...
‡	10·229	+16·672	1·10	42. 90	10·0
71					
...	− 9·034	+33·546	− 4	...	...
...	7·931	− 3·990	0·85	...	...
...	7·694	−33·755	− 3	...	...
...	7·617	+22·744	− 2	...	...
...	6·820	−21·151	− 4	...	...
...	− 6·293	+38·580	− 3	...	...
S *	6·185	−47·141	1·80	43. 114	8·6
S *	6·048	+43 131	2·00	42. 91	8·4
...	5·299	−41·084	− 2	...	...
..	3·945	−27·982	1·00	43. 115	10·2
81					
...	− 3·737	+58·739	− 5	...	...
...	3·564	−13·552	0·70	...	...
..	2·997	−55·702	− 3	...	...
..	− 1·685	−36·104	0·95	43. 116	10·2
...	+ 0·346	−57·589	− 5	...	...
...	+ 2·239	−47·784	− 4	...	...
S *	2·462	+28·574	1·20	42. 92	9·5
...	3·369	+13·460	− 2	M	...
...	4·717	+17·578	− 3	...	...
...	6·035	−28·749	1·00	43. 117	10·2
91					
...	+ 7·831	− 3·885	− 1	...	...
...	8·382	+ 9·219	− 3	*m*	...
*	8·837	−52·806	1·10	44. 124	9·8
...	9·324	−43·822	− 4	...	...
‡	9·996	−51·297	2·00	43. 118	8·2
...	+10·882	− 7·233	− 4	...	...
...	11·364	+ 8·278	− 5	*m*	...
...	11·655	+14·998	− 3	...	...
...	13·037	+54·891	− 3	...	...
...	14·304	+12·802	− 4	*m*	...
101					
...	+14·385	− 7·729	− 5	...	...
‡	14·491	+60·073	1·35	42. 94	9·3
...	15·895	−36·320	− 3	...	...
...	16·533	− 6·913	− 5	...	...
...	18·429	+43·371	− 1	...	...
...	+19·458	+39·461	− 1	...	...
...	20·252	+28·903	− 3	*b*	...
...	20·473	−54·744	1·00	44. 126	10·2
...	20·914	+53·587	− 5	*m*	...
...	21·343	+ 9·484	− 5	*m*	...
111					
...	+22·782	+35·923	− 4	...	...
*	23·468	+20·337	1·10	42. 95	10·0
...	23·497	−37·881	− 5	...	...
...	24·371	+16·023	− 4	*m*	...
...	24·454	+ 4·004	− 3	*m*	...
...	+24·543	−30·621	− 1	...	...
‡	24·782	+46·[illegible]	1·25	42. 97	9·5
...	25·167	+14·049	− 3	*m*	...
S *	26·666	+54·937	1·80	42. 98	9·0
...	26·666	+37·918	− 4	...	...

121–154

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
121					
...	+27·398	+41·245	0·95	...	...
S ‡	27·662	−34·536	1·20	43. 119	9·5
*	28·355	+ 3·755	1·15	43. 120	9·5
...	28·574	+54·264	0·85	42. 99	10·2
S *	30·485	+20·142	1·50	42. 100	9·1
...	+31·110	+25·013	1·00	...	...
...	31·137	−10·691	− 1	...	...
...	33·220	−56·015	− 3	...	...
*	33·768	−53·998	1·30	44. 131	9·5
...	34·175	−31·751	− 5	...	...
131					
†	+34·620	+31·722	0·70	...	...
...	35·694	+26·716	− 4	*m*	...
...	36·669	+18·345	− 3	*m*	...
...	38·616	+ 4·665	− 5	*m*	...
...	39·036	− 0·298	− 5	...	...
...	+40·522	−41·221	− 4	...	...
†	41·836	−34·594	− 1	...	...
...	42·185	−44·778	− 5	...	...
..	42·359	+10·877	− 5	*m*	..
...	43·568	+ 1·022	− 4	*m*	...
141					
*	+44·240	−18·031	1·15	43. 121	9·8
...	45·271	−26·061	0·95	...	...
...	46·462	−59·082	− 4	...	...
...	47·015	−46·446	− 4	...	...
...	48·417	−16·607	0·95	...	...
*	+49·261	−50·588	2·40	43. 122	8·0
†	49·778	−40·521	0·65	...	...
†	51·350	− 9·568	− 1	...	...
...	53·039	+ 6·088	− 4	*e*	...
*	54·498	+25 049	1·10	42. 101	10·2
151					
S *	+56·665	−36·502	2·45	43. 123	8·0
...	58·116	+42·644	− 5	*m*	...
...	58·676	+ 2·216	− 3	...	...
...	59·003	−10·041	− 4	...	...

B measured from 1, 85.
E .. ,, 36, 125

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
1–60					
1					
*	−58·949	−50·733	2·20	43. 122	8·0
...	58·740	−40·654	− 1	...	...
...	58·093	− 9·685	− 2	...	...
...	56·853	+ 6·027	− 4	E	...
*	55·969	+25·021	1·05	42. 101	10·2
S *	−51·977	−36·430	2·30	43. 123	8·0
...	51·175	− 3·578	− 5	...	...
...	51·105	+ 2·329	− 4	...	...
...	49·533	−39·898	− 3	...	...
...	48·865	+24·757	− 5	M	...
11					
...	−48·431	+57·024	− 3	...	...
...	48·126	−14·939	− 5	...	...
*	48·117	− 7·052	1·00	43. 124	10·2
*	47·337	+24·911	1·15	42. 102	9·8
...	44·051	+37·842	− 3	...	...
...	−43·804	−27·800	− 4	...	...
*	43·416	−24·348	1·80	43. 125	8·6
...	43·300	+ 5·735	− 5	M	...
...	42·985	−23·864	− 4	...	...
*	42·435	+55·810	2·40	42. 104	8·3
21					
S *	−42·016	−46·751	1·28	43. 126	9·4
...	41·277	−25·295	0·90	43. 127	10·2
...	40·485	+24·446	− 5	M	...
...	40·386	+32·259	− 5	M	...
‡	39·852	− 0·522	1·00	43. 128	10·0
S *	−39·057	+37·461	2·20	42. 105	8·1
*	38·763	+57·534	2·00	42. 107	8·6
*	38·565	+23·707	1·15	42. 106	9·6
...	37·931	−16·852	− 4	...	...
...	37·856	+14·969	− 5	M	...
31					
S *	−37·453	− 6·782	1·98	43. 129	8·3
...	37·242	−46·646	− 5	...	...
...	35·863	−14·432	− 3	...	...
...	33·922	+14·856	0·75	...	...
...	33·750	−45·356	− 5	...	...
...	−32·951	+50·474	− 3	M	...
...	32·708	−23·409	− 3	...	...
*	31·771	+14·996	1·10	42. 108	10·1
...	31·464	+17·162	− 4	M	...
*	31·333	+ 9·777	1·10	42. 109	10·1
41					
*	−31·207	−11·277	1·20	43. 130	9·5
...	30·861	− 8·309	0·85	43. 131	10·2
...	28·622	+22·231	− 5	M	...
...	27·856	+23·751	− 2	...	...
...	26·557	−13·514	0·75	...	...
...	−26·451	−28·840	0·70	...	...
...	25·711	+47·067	− 5	M	...
...	25·131	+19·311	0·80	...	...
...	24·671	−45·046	− 3	...	...
...	23·728	−48·981	− 5	...	...
51					
...	−23·574	+60·057	− 4	M	...
S *	22·810	+43·158	3·10	42. 110	7·1
...	21·699	−33·290	− 5	...	...
†	21·453	+10·442	− 5	M	...
...	21·376	+ 1·576	− 5	M	...
..	−19·825	−40·290	− 4	...	...
*	19·724	+58·638	5·40	42. 111	5·8
...	19·507	−29·968	− 5	...	...
...	18·120	−46·640	− 5	...	...
...	17·784	−52·323	− 4	...	...
61–120					
61					
...	−17·737	+57·205	− 2	...	...
...	16·956	+ 7·990	− 5	M	...
...	16·914	−17·271	− 4	...	...
...	16·443	− 8·311	0·80	43. 132	10·2
†	15·026	−40·165	− 3	...	...
...	−13·601	+13·875	− 2	...	...
*	13·049	+ 7·521	1·00	43. 133	10·0
...	12·620	−15·136	− 4	...	...
*	12·609	−53·835	1·00	44. 141	10·2
...	12·297	+ 0·498	− 4	M	...
71					
...	−11·805	+49·640	− 5	M	...
†	11·735	−49·418	− 2	...	...
...	10·471	−20·556	− 4	...	...
...	8·432	+52·433	0·65	...	...
...	7·682	−30·327	− 4	...	...
*	− 6·335	−29·397	1·25	43. 134	9·4
...	6·211	−14·101	− 3	...	...
...	5·837	−30·615	− 3	...	...
S *	5·695	−10·670	1·73	43. 135	8·4
...	5·594	−18·405	− 5	...	...
81					
S *	− 5·468	+ 3·884	2·78	43. 136	7·6
..	5·362	+33·021	− 3	...	...
*	5·196	+13·927	1·45	42. 113	8·7
†	5·068	+45·177	− 4	...	...
*	4·676	−32·171	1·45	43. 137	8·9
...	− 3·842	+57·714	− 5	M	...
...	3·722	−53·129	− 3	...	...
...	1·522	−58·424	− 5	...	...
...	− 0·753	+34·332	0·65	...	...
*	+ 1·711	−24·661	1·00	43. 138	10·2
91					
...	+ 2·837	+17·661	0·65	...	...
‡	4·225	+50·120	1·20	42. 114	9·6
...	4·532	+42·153	0·65	...	...
†	4·849	+20·317	− 4	...	...
...	6·581	+37·191	− 2	...	...
...	+ 6·710	+18·908	− 4	...	...
...	9·201	+34·512	− 5	...	...
...	9·311	+28·906	− 5	...	...
S *	11·003	−29·046	2·00	43. 139	8·4
...	11·234	−44·336	− 5	...	...
101					
†	+11·300	+50·153	− 3	...	...
...	11·695	−48·715	− 3	...	...
*	12·190	+ 4·057	1·85	43. 140	8·7
*	12·753	−19·019	1·45	43. 141	8·9
...	13·076	−34·121	− 4	a	...
...	+13·409	−19·755	− 5	m	...
...	16·781	+53·560	0·65	...	...
*	16·962	+30·927	1·00	42. 115	10·2
*	17·441	+12·638	1·15	42. 116	9·8
*	17·959	−13·378	1·15	43. 142	9·4
111					
...	+18·471	−50·755	0·90	43. 143	10·2
*	18·991	−12·828	1·40	43. 144	8·8
...	19·388	−50·286	− 3	...	...
*	20·420	−58 226	1·05	44. 148	10·2
†	20·697	−49·437	− 4	...	...
...	+20·846	−18·548	− 5	m	...
...	21·124	− 0·521	− 5	m	...
...	21·309	−14·316	− 5	m	...
...	22·093	+45·122	− 4	...	...
*	22·587	+26·912	1·00	...	...
121–171					
121					
...	+22·723	+15·388	− 5	° ...	...
...	22·740	+19·267	− 5	m	...
...	22·921	+21·310	0·90	...	...
...	23·212	+43·011	− 2	...	...
...	23·284	+17·310	− 4	...	...
...	+23·535	+48·627	− 5	...	...
...	24·391	−40·227	− 5	m	...
...	26·316	+43·451	− 3	...	...
...	27·119	−23·755	− 5	...	...
...	27·477	+48·677	− 5	...	.
131					
...	+28·634	−57·250	− 5	...	...
S *	29·224	+56·767	1·65	42. 118	9·2
...	29·413	+ 2·871	− 2	...	...
...	30·426	− 4·378	− 4	b	...
*	32·148	− 0·061	1·00	43. 145	10·2
...	+32·391	+ 8·047	− 5	m	...
...	32·937	−37·099	− 5	...	...
...	33·487	− 5·766	− 2	...	...
*	34·151	−16·280	1·10	43. 146	9·8
...	34·394	−12·946	− 4	...	...
141					
...	+35·394	−13·691	− 5	m	...
...	35·433	−37·940	− 5	m	...
S *	35·512	−52·886	1·18	44. 151	10·0
...	35·996	+17·145	− 5	m	...
*	36·400	+39·605	1·00	42. 120	10·2
...	+36·877	−15·377	− 5	m	...
*	37·847	−11·770	1·30	43. 147	9·2
...	38·487	−27·581	− 3	...	...
...	38·727	+ 2·991	− 5	...	...
...	38·747	+27·980	− 4	...	...
151					
...	+39·694	−45·496	0·70	...	...
...	41·565	+56·320	0·70	42. 121	10·2
*	43·327	+54·547	1·30	42. 122	9·8
..	44·558	−42·035	− 4	...	...
*	45·338	+33·160	1·30	42. 123	10·0
...	+46·125	− 9·385	− 3	...	...
*	46·139	+14·541	1·70	42. 124	9·0
*	46·317	+17·573	1·20	...	...
S *	47·569	+ 5·576	1·78	43. 148	8·4
...	48·020	+31·588	− 5	...	...
161					
*	+48·994	−30·183	1·10	43. 149	10·2
*	50·083	− 4·426	1·60	43. 150	8·8
...	50·729	−25·599	− 5	...	...
...	50·978	+ 4·619	0·75	...	...
...	51·615	−29·922	− 5	...	...
...	+51·672	− 1·610	− 3	...	...
...	52·017	−37·378	− 5	m	...
...	52·736	+57·372	− 3	...	...
...	53·020	+28·763	− 2	...	...
S ‡	54·653	+34·272	2·15	42. 125	8·1
171					
...	+55·171	+31·393	− 5	m	...

B measured from 1, 56, 114.
H ,, ,, 25, 90, 152.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No	C.P.D. Mag.
1–60					
1					
†	−59·819	−30·336	0·70	43. 149	10·2
*	59·501	− 4·571	1·50	43. 150	8·8
...	58·882	+ 4·499	− 2	...	...
...	58·715	+57·287	− 5	...	...
...	58·020	− 1··4	− 4	...	...
...	−57·565	+28·686	− 3	...	...
S *	56·088	+34·248	2·30	42. 125	8·1
...	50·251	+20·218	− 5	...	...
*	49·443	+23·162	1·30	42. 127	9·9
...	48·757	+52·491	− 5	...	...
11					
...	−48·160	+25·435	− 4	...	...
...	47·932	−20·338	− 5	...	...
...	47·587	+36·405	0·70	...	...
...	42·169	− 1·977	− 4	...	...
...	40·835	+56·591	0·65	...	...
...	−39·819	− 0·692	− 4	...	...
*	39·365	+17·834	1·05	...	...
*	39·000	− 8·145	1·00	43. 151	10·2
...	38·910	+27·081	− 4	...	...
...	38·253	+33·685	− 1	...	...
21					
...	−37·213	+ 2·844	− 1	...	...
...	36·317	+14·148	− 4	...	...
*	36·161	+27·587	3·00	42. 128	7·0
...	35·727	+45·373	− 5	M	...
...	35·081	−49·182	− 2	...	...
*	−34·772	− 0·702	2·00	43. 152	8·1
...	32·215	−17·105	− 5	...	...
...	31·351	−39·030	− 4	...	...
...	30·663	− 8·369	− 5	M	...
...	30·600	−52·005	− 4	...	...
31					
‡	−30·045	+35·940	1·25	42. 129	9·0
...	29·182	−36·342	− 5	...	...
...	28·243	−35·840	− 3	...	.
...	27·550	−26·378	− 5	M	...
*	26·912	− 3·681	2·80	43. 153	7·0
...	−25·123	−43·023	0·75	...	...
*	24·584	− 9·566	1·00	...	...
...	24·521	− 8·176	− 4	B	...
...	23·334	+36·998	− 5	...	...
...	23·323	−43·876	− 1	...	...
41					
...	−22·790	− 6·721	− 5	M	...
...	21·472	−29·002	− 4	...	...
...	19·879	−32·228	− 3	...	...
...	19·816	+ 5·504	− 2	...	...
*	19·547	− 6·899	1·00	...	...
...	−19·244	+23·300	− 5	...	...
...	18·883	−19·395	− 5	...	...
S *	18·849	−30·373	1·10	43. 154	10·2
...	18·448	−21·138	− 2	...	...
...	18·360	+22·703	− 1	...	...
51					
...	−18·106	− 8·970	− 5	M	...
S *	17·712	+53·162	1·40	42. 130	9·2
...	16·457	−11·944	− 3	...	...
†	15·202	+23·974	− 3	...	...
S *	12·828	+17·648	1·13	42. 131	10·0
...	−12·457	− 2·923	− 5	M	...
...	11·922	+24·386	− 5	M	...
...	11·559	+ 3·499	− 5	M	...
...	9·982	+10·872	0·65	...	...
...	9·205	+21·102	− 4	...	...
61–120					
61					
...	− 8·177	+43·967	− 5	...	...
...	8·125	+ 0·884	− 3	...	...
...	7·934	+ 2·101	− 3	...	...
S *	7·487	−51·553	1·68	43. 155	7·2
...	6·965	+57·804	− 5	...	...
..	− 6·943	−24·299	− 5	M	...
...	6·540	−26·320	0·65	...	...
...	6·075	− 8·571	·75	...	...
...	5·389	−49·019	− 3	...	...
*	4·799	+33·674	1·00	...	...
71					
...	− 4·596	−38·347	− 4	M	...
...	4·016	−55·062	− 5	...	...
*	2·804	−49·124	1·30	43. 156	9·6
...	1·579	−45·767	− 5	...	...
*	− 1·072	+ 6·859	1·15	43. 157	10·0
...	+ 0·438	+42·906	− 3	...	...
...	0·894	−54·136	− 3	...	...
S *	2·621	− 5·486	1·43	43. 158	9·2
...	3·130	+36·412	− 5	M	...
...	3·514	−54·431	− 3	...	...
81					
...	+ 4·625	−32·854	− 5	M	...
...	5·213	−43·684	− 5	...	...
*	5·561	+46·187	1·05	...	...
*	5·721	−42·410	1·00	...	...
...	5·859	−28·788	0·80	...	...
...	+ 6·723	−40·619	0·70	...	...
...	7·091	+30·571	− 4	...	...
*	8·153	−58·266	1·10	44. 168	10·2
...	8·743	−33·487	− 4	...	...
...	8·809	−33·269	− 2	...	...
91					
*	+ 9·107	+44·625	1·00	...	...
†	9·502	+20·015	− 5	...	...
...	9·647	+52·115	− 5	...	...
†	9·765	+ 3·453	0·70	...	...
...	11·511	−26·727	0·75	...	...
...	+11·996	−13·298	0·65	...	...
...	12·131	−16·997	− 5	...	...
...	12·396	+ 1·097	0·70	...	...
...	12·751	−36·607	− 2	...	...
...	13·441	−58·475	− 5	...	...
101					
...	+13·865	+34·550	− 5	...	...
...	14·530	−43·515	− 3	...	...
...	16·412	+15·800	− 5	...	...
...	16·816	+50·414	− 5	...	...
...	17·845	+24·817	− 1	...	...
...	+18·469	−52·575	− 4	...	...
...	18·828	−42·946	− 4	...	...
...	19·321	+58·344	0·65	...	...
...	20·043	−16·448	− 4	...	...
‡	21·638	+49·877	1·00	...	...
111					
S *	+22·847	+20·319	1·58	42. 132	8·8
N	23·316	+ 7·352	− 3	...	...
N	23·345	+ 7·375	− 2	...	...
†	24·913	−23·354	0·65	...	...
...	25·110	−36·136	− 4	...	...
...	+25·355	+ 3·503	− 5	...	...
...	25·465	+13·329	− 5	...	...
...	25·629	−13·317	− 1	...	...
...	26·794	+ 6·331	− 4	...	...
...	26·969	+ 7·340	− 4	...	...
121–180					
121					
...	+27·881	+20·455	− 3	...	...
...	27·991	− 3·290	0·70	...	...
...	28·617	+21·433	0·70	...	...
...	28·803	+57·144	− 3	...	...
...	29·463	−32·894	− 4	...	...
...	+29·562	+18·240	− 4	...	...
...	31·042	+15··1	− 5	...	...
*	32·621	−33··99	1·20	43. 159	10·0
...	33·823	−45·868	− 5	...	...
*	35·269	−57·462	1·35	44. 172	9·4
131					
...	+35·370	−29·935	− 1	...	...
...	36·255	+38·798	− 4	...	...
...	36·566	− 8·152	− 5	...	...
...	36·738	−21·315	− 1	...	...
...	36·784	+55··36	− 5	...	...
...	+37·084	−47·684	− 4	...	...
...	38·122	−24·348	− 3	...	...
...	39·825	+24·621	− 3	...	...
..	41·189	−17·428	− 2	...	...
...	41·283	+ 8·731	0·70	...	...
141					
*	+41·553	−40·526	1·9·	43. 160	8·4
...	41·634	−35·133	− 5	...	...
...	41·638	+58·779	0·65	...	..
...	42·057	+21·250	− 5	...	...
*	42·526	+ 3·550	1·50	43. 161	9·0
...	+43·433	−21·280	− 4	...	...
...	43·617	−27·496	− 5	...	...
...	43·869	−30·551	− 4	...	...
...	44·107	+ 0·738	− 4	...	...
...	44·296	+19·346	− 5	...	...
151					
‡	+44·797	−16·868	1·00	43. 162	9·8
...	44·902	+37·801	− 4	...	...
...	45·995	+27·582	0·75	...	...
...	46·038	+37·035	− 3	...	...
...	46·461	+ 2·790	− 5	...	...
...	+46·959	+46·948	− 5	...	...
S ‡	46·973	+40·106	1·53	42. 133	9·2
†	47·326	+·0·054	− 4	...	...
...	47·455	+49·814	− 5	...	...
...	48·030	+ 6·587	− 3	...	...
161					
...	+48·297	−26·546	0·80	...	...
...	48·605	+16·229	− 2	...	...
...	50·092	+58·350	− 5	...	...
...	50·288	−13··21	− 4	...	...
...	50·623	−49·336	− 1	...	...
*	+50·917	−15·967	1·05	43. 163	10·2
..	51·135	−27·582		...	...
...	51·579	+25·9··	− 4	..	..
...	52·216	+12·150	0·70	...	..
...	53·947	− 1··4·	0·70	...	...
171					
...	+55·012	− 1·627	0·70	.	...
...	55·6··	− 8·657	− 5	...	...
...	55·74·	+56·106	− 5	..	...
S *	56·453	+ 2·761	1·40	43. 1··	9·2
...	56·661	−59·148	0·70	44. 1·5	10·2
...	+57·315	+ 6·056	− 5	e	...
...	57·948	+ 0·909	− 5	e	...
...	58·283	−13·29·	− 5	...	...
*	58·552	+58··54	5·00	42. 134	6·6
S *	59·421	−17·629	1·30	43. 165	9·4

B measured from 1, 76.
H ,, 31, 114.

112, 113. 42°·9, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
181					
181					
...	+59·630	−38·215	0·75	° ...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.
1–40					
1					
...	−59·026	−13·858	− 5	° ...	...
...	58·902	+25·851	− 4	...	...
*	58·345	−16·069	0·90	43. 163	10·2
*	57·873	+12·077	0·90	...	...
...	57·761	−27·685	− 5	...	...
...	−57·641	−49·441	0·90	...	...
...	55·720	− 1·671	0·70	...	...
...	55·637	+56·136	− 4	...	...
...	54·671	− 1·612	0·80	...	...
...	53·860	− 8·636	− 5	...	...
11					
S *	−53·327	+ 2·813	1·05	43. 164	9·2
*	52·897	+58·851	4·00	42. 134	6·6
...	52·605	+ 6·128	− 5	E	...
..	51·802	+ 1·004	− 5	E	...
...	51·303	−59·078	1·00	44. 175	10·2
...	−51·243	−12·969	− 5	...	...
*	51·235	+40·090	1·05	42. 135	9·2
S	49·779	−17·488	1·00	43. 165	9·4
*	48·977	−38·051	1·00	...	...
...	48·832	−26·444	0·90	...	...
21					
..	−48·132	+21·312	− 3	...	...
...	47·838	−15·730	0·75	...	...
...	46·897	−17·059	0·85	...	..
.	46·795	− 9·830	− 3	...	...
*	46·616	−44·523	0·95	43. 166	10·2
..	−45·743	−21·660	0·85	...	...
...	45·515	−11·497	− 5	...	...
.	45·376	−31·737	− 5	...	...
.	44·298	− 9·198	0·80	...	.
..	43·787	−43·000	− 4	...	...
31					
S *	−43·225	−3·139	1·00	43. 167	10·0
...	42·670	+40·002	0·90	42. 136	10·0
*	42·330	− 7·081	1·00	43. 168	10·2
	41·835	+19·616	− 4	..	.
...	41·492	−23·114	0·70	..	...
	−38·731	+46·212	− 5		...
.	38·726	+19·126	− 3	...	
*	38·477	+13·117	1·00	.	
...	37·928	+24·413	− 3	...	...
.	37·284	−23·134	− 5		

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.
41–80					
41					
...	−36·863	+56·469	0·75	° ...	...
*	36·383	−23·446	1·05	43. 169	9·4
...	36·245	+26·510	0·80	...	...
...	35·502	−34·646	0·65	...	...
...	35·425	+21·923	− 5	...	...
...	−35·315	−24·563	0·80	...	..
...	35·107	−29·456	0·80	...	...
...	35·039	−36·885	0·90	43. 170	10·2
...	33·088	− 3·937	0·85	...	...
...	32·637	−40·576	0·65	...	...
51					
...	−32·546	+46·364	0·70	...	...
...	31·945	+42·531	− 5	...	...
...	31·037	+ 8·213	0·70	...	...
...	30·962	+30·958	0·90	...	...
†	30·182	−34·910	0·70	...	...
...	−30·043	−42·366	0·90	...	...
*	27·975	+43·548	0·90	...	...
...	27·967	− 7·587	− 5	...	...
...	27·900	+11·128	0·80	...	...
*	27·313	+56·556	1·10	42. 138	9·5
61					
S *	−27·065	+43·926	2·90	42. 139	7·2
...	26·952	+48·302	− 5	M	...
...	25·715	−31·950	− 3	...	...
...	24·304	−32·496	− 5	..	...
...	23·879	+19·767	0·75	...	...
...	−23·252	− 0·692	− 5	..	...
*	22·189	+16·473	1·00	...	...
*	22·004	−33·366	1·00	43. 171	10·2
*	20·685	+34·540	1·00	...	...
...	20·102	−56·923	− 4	...	...
71					
...	−19·466	− 4·039	− 3	...	...
.	18·765	+49·899	1·00	..	...
..	18·717	−14·158	− 1	..	..
	17·575	−46·648	− 3		...
...	16·882	−36·298	− 2	..	.
*	−14·209	+56·758	1·00	..	...
...	14·055	+20·417	− 4	.	...
...	13·676	− 7·417	− 4	...	...
...	12·591	− 7·868	0·65	...	...
.	12·581	+41·473	− 4	M	.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.
81–120					
81					
...	−12·435	+22·286	− 5	° ...	...
...	12·020	+49·132	− 5	M	...
...	11·487	− 4·112	0·70	...	...
...	10·873	−27·860	− 4	..	...
...	10·872	−18·410	− 5	...	...
	−10·573	−49·848	5·60	43. 172	5·4
...	10·461	−39·481	− 4	...	...
...	9·809	+15·503	0·70	...	...
...	8·841	−33·387	− 2	...	...
...	8·650	−13·770	− 4	...	...
91					
...	− 7·037	−48·593	− 4	...	...
S *	6·995	−49·404	1·90	43. 173	7·9
..	6·252	+ 8·013	− 5	...	...
...	5·813	−22·983	0·70	...	...
...	5·266	−54·904	0·75	...	...
...	− 4·072	+12·593	− 3	...	...
...	3·739	+42·179	− 5	M	...
...	3·728	−16·143	− 5	...	...
...	3·062	+ 0·996	− 5	M	...
...	1·588	+20·211	− 5	...	...
101					
...	− 1·368	−55·172	− 5	...	...
...	0·870	+11·489	− 2	...	...
*	0·848	−44·760	1·00	43. 174	9·2
S *	− 0·769	+39·953	1·25	42. 142	8·9
*	+ 1·140	−40·289	2·00	43. 175	8·2
...	+ 2·537	+36·135	− 3	...	...
...	3·339	+36·396	− 2	...	...
...	3·476	−31·132	0·90	43. 176	10·2
...	4·174	−21·908	− 5	*m*	...
...	4·279	−32·087	− 5	...	...
111					
...	+ 4·555	+55·917	− 4	...	...
...	5·409	+16·080	− 5	...	...
*	7·168	−21·884	1·35	43. 177	8·8
...	8·863	+45·108	0·90	...	...
..	9·070	+41·797	− 5	.	...
...	+ 9·197	+37·280	0·75	...	...
...	10·321	+ 5·188	− 5	...	...
...	11·850	−32·378	− 5	...	...
S *	12·764	−13·384	1·20	43. 178	9·0
...	13·554	+17·209	− 5	...	...

I. measured from 1, 105.
C ... ... 57, 137.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
121–140					
121					
...	+14·424	−26·330	1	...	...
...	15·738	+47·829	− 5	...	...
...	17·960	+52·064	0·75	...	...
...	20·760	− 5·682	− 2	...	...
...	21·355	−56·194	− 2	...	...
*	+22·038	−48·823	0·95	43. 179	10·2
...	22·372	+47·799	− 4	...	...
†	23·178	+25·028	0·70	...	...
*	23·183	−51·605	0·90	43. 180	10·2
...	24·084	−44·714	0·90	43. 181	10·2
131					
†	+24·453	− 9·964	− 3	...	...
...	25·528	+18·043	− 4	...	...
...	26·090	−33·068	0·85	43. 182	10·2
...	26·240	−41·834	− 4	...	...
†	27·169	+34·922	0·85	...	...
...	+27·243	−52·611	0·90	...	...
...	30·581	−52·357	0·80	...	...
...	31·564	−10·562	− 5	...	...
S *	33·320	+ 58·636	2·20	42. 143	7·7
...	33·571	+47·862	− 3	...	...
141–160					
141					
...	+34·267	+37·797	− 5	...	...
...	35·536	−18·283	− 2	...	...
...	35·655	−20·569	− 5	*m*	...
...	36·381	−48·139	− 5	...	...
...	36·509	+ 5·610	− 3	...	...
...	+36·795	+23·906	0·70	...	...
...	37·272	−30·892	− 3	...	...
...	38·407	+59·660	− 3	...	...
...	38·580	−36·[illegible]	− 5	*m*	...
...	39·060	+40·585	0·70	...	...
151					
...	+39·648	−19·115	− 3	...	...
...	39·732	−41·947	0·75	...	...
...	40·224	−19·355	− 4	...	...
*	40·232	+15·124	1·00	42. 144	9·4
...	41·194	−26·659	− 5	*m*	...
...	+41·431	+13·063	− 4	...	...
...	42·216	−27·431	0·90	...	...
...	42·494	+ 1·429	− 3	...	...
...	43·690	+ 1·200	− 5	...	...
...	44·099	+50·528	− 5	...	...
161–174					
161					
...	+45·681	+ 5·612	− 3	...	...
...	46·376	+ 3·97[illegible]	− 4	...	...
S *	47·042	+25·761	1·00	42. 145	9·7
...	49·171	+32·085	− 5	...	...
...	49·792	+22·202	− 3	...	...
...	+50·077	+26·887	− 2	...	...
...	50·706	−27·037	− 4	...	...
S *	51·580	−45·031	1·00	43. 183	10·2
...	52·066	−35·9[illegible]9	− 5	*m*	...
...	54·445	+16·332	− 5	...	...
171					
...	+56·780	−18·641	− 5	*m*	...
S *	57·085	−15·509	1·10	43. 184	9·0
...	58·411	+31·943	− 5	...	...
...	58·832	− 5·345	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1–30					
1					
S *	−56·777	−45·708	1·05	43. 183	10·2
...	54·830	− 1·178	− 5	C	...
S *	52·183	−15·437	1·28	43. 184	9·0
...	48·993	−15·549	− 4	...	...
...	48·862	+ 9·095	− 3	...	...
...	−48·605	− 2·143	− 4	...	...
..	48·375	−42·475	− 5	...	...
...	47·482	+59·783	− 5	...	...
S	47·252	+38·920	0·90	42. 147	9·9
†	45·061	+55·970	− 3	...	...
11					
...	−44·592	− 4·311	− 5	...	...
...	44·231	+52·397	− 4	...	...
...	43·849	+ 9·389	− 4	...	...
S *	41·942	+ 9·547	2·00	42. 148	8·5
*	41·561	− 7·436	1·30	43. 185	9·4
...	−40·831	+23·796	− 5	...	...
S *	37·571	−30·766	2·30	43. 186	8·2
...	37·174	− 8·720	− 2	...	...
...	36·966	− 8·417	− 4	...	...
...	36·931	+48·874	− 5	...	...
21					
...	−36·880	−16·575	− 3	...	...
...	36·448	−58·370	− 5	...	...
...	36·162	−38·907	− 4	...	...
...	35·138	−14·872	− 5	...	...
...	34·339	−55·907	− 1	44. 196	10·2
...	−34·335	+10·944	− 3	...	...
...	33·906	−32·580	0·80	...	...
...	33·528	−44·276	− 2	...	...
...	33·190	+47·757	0·70	...	...
...	31·050	+43·796	− 5	...	...
31–60					
31					
*	−29·598	+16·718	1·25	42. 149	9·7
...	27·121	−31·267	0·75	...	...
...	26·743	+37·128	− 5	...	...
S *	24·538	+ 6·075	2·00	43. 187	8·6
...	24·492	−18·362	− 3	...	...
...	−22·186	−30·038	− 3	...	...
...	21·857	+45·752	− 1	...	...
*	20·004	+51·600	1·25	42. 150	9·7
...	18·668	+18·257	− 5	...	...
*	18·507	+18·469	1·10	42. 151	9·8
41					
...	−16·895	+ 8·068	− 2	...	...
...	16·687	−32·420	− 5	...	...
...	16·207	−18·798	− 4	...	...
...	15·252	−57·354	− 5	...	...
...	14·557	+46·623	− 5	...	...
...	−14·252	+36·278	− 5	...	...
...	14·214	+35·916	− 3	...	...
...	14·123	−14·262	− 4	...	...
...	13·432	+ 8·398	− 1	...	...
*	11·800	−52·868	1·10	44. 202	10·2
51					
*	−11·553	+58·[illegible]5	1·15	42. 152	10·0
*	10·833	− 3·[illegible]	1·40	43. 188	9·2
S *	8·201	−26·157	1·25	43. 189	6·8
...	7·582	−55·501	− 4	...	...
...	7·394	+55·[illegible]2	− 5	...	...
...	− 6·921	+33·[illegible]5	− 4	...	...
...	4·653	−30·461	0·80	..	...
...	2·802	−38·007	− 5	...	...
*	1·636	+40·807	1·20	42. 154	9·5
...	0·545	+47·774	− 5	..	...
61–90					
61					
...	+ 0·605	−57·717	− 3	...	...
...	0·652	−12·909	0·70	43. 190	10·2
...	3·602	+23·553	− 5	...	...
...	3·690	−44·683	− 3	...	...
...	5·045	+14·213	− 1	...	...
†	+ 6·288	+10·348	1·40	42. 156	9·4
...	6·755	+38·094	− 4	...	...
...	8·688	−38·186	− 5	*b*	...
†	9·832	+21·502	− 5	...	...
†	9·861	−49·540	− 4	..	...
71					
...	+10·595	−52·005	− 1	..	...
...	12·330	− 2·197	− 1	...	...
S *	14·073	−36·913	1·43	43. 191	9·0
...	15·184	+22·357	− 3	...	...
...	17·268	+ 9·29[illegible]	− 3	..	..
...	+18·767	−16·208	0·70	43. 192	10·2
...	19·036	−58·139	− 5	..	...
...	19·297	+42·59[illegible]	− 5	*a*	...
†	19·724	+ 3·769	1·20	43. 193	9·8
...	20·009	−23·594	0·75	...	...
81					
...	+20·338	−33·10[illegible]	− 5	...	..
...	20·857	− 2·935	0·90	43. 194	10·2
...	23·480	−10·786	− 4	...	...
...	24·377	+ 5·208	− 1	.	..
...	25·089	−37·276	− 3		...
...	+26·278	− 0·186	− 5	*b*	...
*	30·271	+58·221	1·00	...	...
*	30·772	+16·462	1·00	42. 157	9·8
...	30·806	+17·254	0·85	...	...
*	32·959	+57·884	1·20	42. 158	10·0

S measured from 1.
B ,, ,, 61.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
91-110					
91					
...	+34·606	−37·966	0·80	43. 195	10·2
†	34·880	−58·382	− 3	...	...
...	35·013	−38·020	− 5	...	...
...	35·297	+16·557	0·80	...	...
...	36·105	+42·235	− 5	...	...
...	+38·177	−28·939	− 3	...	...
S *	38·282	+50·769	2·40	42. 159	8·1
...	38·480	+15·718	0·90	42. 160	10·0
...	39·429	+17·580	− 5	...	...
...	41·082	−47·501	− 5	...	...
101					
...	+41·927	+15·751	0·70	...	...
...	43·198	+17·717	− 4	...	...
...	43·226	− 5·578	− 5	*b*	...
...	43·730	−13·404	− 3	...	...
...	43·743	−41·726	0·70	43. 196	10·2
...	+43·986	+19·325	− 5	...	...
...	44·088	+55·111	0·65	...	...
*	44·806	+36·691	1·05	...	...
...	44·830	+44·872	− 5	*a*	...
...	46·537	+ 0·106	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
111 125					
111					
...	+46·546	−27·270	− 5	...	...
...	47·806	−32·340	− 4	...	...
...	48·040	+11·592	0·85	...	...
...	48·658	−40·110	− 5	...	...
...	48·982	−32·143	− 5	...	...
...	+50·085	−47·634	− 5	...	...
...	52·738	−40·296	− 5	*a*	...
†	54·721	− 3·491	− 4	...	...
S *	54·885	+13·982	1·28	42. 161	9·6
*	55·978	−14·162	1·10	...	...
121					
...	+56·112	+13·371	− 3	...	...
...	56·205	+28·357	− 2	...	...
†	57·223	+20·471	− 3	...	...
...	58·586	−37·973	− 5	...	...
†	58·625	−49·319	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ..	C.P.D. No.	C.P.D. Mag.

1-30					
1					
N	−58·187	−47·746	− 5	...	...
S *	55·251	+13·982	1·50	42. 161	9·6
...	54·879	− 3·488	− 4	...	...
...	54·345	+28·382	− 3	...	...
...	54·007	+13·401	− 3	...	...
*	−53·304	−14·122	1·35	...	...
...	53·128	+20·536	− 3	...	...
...	49·618	−49·187	− 5	...	...
...	49·478	+47·447	− 3	...	...
...	49·086	+11·970	− 5	...	...
11					
...	−48·723	+19·297	0·80	...	...
†	48·508	−19·473	0·65	...	...
...	48·434	+36·513	− 5	...	...
*	47·845	+45·853	1·70	42. 162	9·2
...	47·349	+14·088	− 4	...	...
...	−47·340	−55·411	− 5	...	...
*	47·009	+26·497	1·60	42. 163	9·1
...	46·818	+10·884	− 1	...	...
...	44·323	− 8·610	− 4	...	...
...	43·582	+29·175	− 3	...	...
21					
...	−43·322	−43·143	− 5	...	...
...	43·280	−32·863	− 5	...	...
...	42·734	−14·045	0·65	...	...
	41·663	+47·806	− 3	...	...
	41·258	−56·888	− 3	...	...
	−41·155	+33·945	0·85	...	...
	40·[illegible]	[illegible]	− 5	...	...
	38·998	+30·726	[illegible]	...	...
*	38·938	+45·999	1·30	42. 164	10·0
*	38·735	+20·663	1·10	...	...

31-60					
31					
†	−37·955	+55·277	− 5	...	...
*	37·183	+ 0·929	1·60	43. 197	10·0
...	37·065	+24·814	− 3	...	...
*	36·320	−19·868	2·70	43. 199	8·7
*	36·205	−46·396	2·45	43. 198	9·4
...	−34·388	+27·418	− 5	...	...
*	32·910	+ 6·957	2·60	43. 200	8·8
†	32·719	−39·377	− 5	...	...
...	32·669	+38·090	− 5	...	...
*	32·457	+23·115	1·20	42. 165	10·0
41					
*	−31·778	+19·080	1·70	42. 166	9·6
...	31·439	−58·754	− 2	...	...
...	30·881	+53·006	− 5	...	...
...	30·288	+47·103	1·00	...	...
*	29·577	+18·021	1·80	42. 167	9·6
...	−29·497	+54·539	− 5	...	...
*	28·104	−38·194	1·25	...	...
...	27·689	−53·219	− 5	...	...
...	27·564	−57·591	− 4	...	...
S *	27·256	−49·269	2·70	43. 201	8·8
51					
S *	−27·062	+22·032	2·78	42. 169	8·0
...	26·480	+16·892	− 3	...	...
*	25·951	−44·564	1·25	...	...
...	25·880	−19·188	− 1	...	...
...	25·701	−51·683	− 5	...	...
...	−24·696	−27·722	− 5	...	...
*	24·576	−30·151	1·35	...	...
*	22·413	−55·347	1·15	...	...
S *	21·734	+44·300	4·03	42. 170	7·1
...	21·590	−23·[illegible]	− 3	...	...

61-90					
61					
†	−21·205	+40·292	1·00	...	...
S *	20·826	− 8·345	3·85	43. 202	7·4
...	18·864	− 2·867	0·80	...	...
...	17·449	+20·834	− 3	...	...
...	17·315	−50·432	0·85	...	...
†	−15·555	−54·371	− 5	...	...
...	15·153	−47·490	− 5	...	...
...	14·544	+15·883	0·75	...	...
...	13·624	+22·494	− 5	...	...
*	12·516	+21·946	1·10	42. 171	10·0
71					
*	−10·623	+ 60·139	3·70	42. 172	7·0
...	10·251	+22·988	0·90	42. 173	10·0
...	6·650	−39·714	− 5	...	...
S *	4·466	−44·009	2·05	43. 203	9·4
...	3·620	−57·889	− 5	...	...
...	− 1·627	−16·748	− 3	...	...
*	+ 0·228	− 7·085	1·25	...	...
...	0·879	−12·978	− 4	...	...
...	0·945	−22·618	− 4	...	...
*	0·984	−38·371	1·20	...	...
81					
...	+ 2·787	+50·971	− 3	...	...
...	3·095	+59·350	− 5	...	...
...	3·815	+50·032	− 5	...	...
*	4·344	− 7·762	1·10	...	...
...	5·344	+45·223	− 5	...	...
*	+ 6·108	− 5·592	2·70	43. 204	8·8
*	7·352	−27·985	1·20	...	...
*	8·331	+23·287	1·15	42. 174	10·0
...	12·602	− 1·188	− 5	*b*	...
*	14·154	− 0·231	2·95	43. 205	8·0

S repeated from 1, 63, 92.
H ,, ,, 28, 77, 110.

1. Very faint.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag
91-110					
91					
...	+15·479	−16·358	1·00	...	...
...	16·499	+32·655	− 3	...	...
*	18·156	+33·240	1·10	...	...
...	20·124	+48·477	− 5	...	...
...	20·639	+25·990	− 4	...	...
...	+21·407	−38·704	1·00	...	...
*	22·754	−52·845	1·15	...	...
*	23·756	−51·851	2·50	43. 206	8·5
S *	23·964	+34·598	2·08	42. 175	8·8
...	24·393	+10·971	0·65	...	...
101					
†	+24·769	−23·102	0·95	...	...
...	25·975	−55·646	− 5	...	...
...	26·499	−40·352	− 1	...	...
...	28·115	+ 7·263	− 3	...	...
...	29·404	− 8·356	− 5	*b*	...
...	+30·508	+29·944	− 5	*a*	...
...	31·076	+56·964	0·95	...	...
...	32·183	−35·286	− 2	...	...
...	33·257	+59·310	− 5	...	...
...	33·345	+33·203	0·90	...	...
111-130					
111					
...	+33·921	+54·306	− 5	...	...
...	34·217	−32·643	0·70	...	...
*	35·206	− 6·521	1·20	...	...
...	36·540	−55·044	0·85	...	...
...	37·947	+12·161	− 3	...	...
*	+40·856	+27·467	1·55	42. 176	10·0
S *	40·981	−36·339	1·55	43. 207	10·0
...	43·172	+53·387	− 1	...	...
†	43·276	−24·267	− 5	*b*	...
...	43·671	−29·963	− 5	*b*	...
121					
...	+44·276	+ 6·362	− 1	...	...
†	44·664	−43·552	− 1	...	...
*	44·708	+57·702	1·70	42. 177	9·4
...	45·055	−55·874	− 5	...	...
*	46·818	+25·225	1·40	42. 178	10·0
S *	+47·207	−51·859	1·50	43. 208	9·8
†	49·575	+57·358	− 5	...	...
...	50·142	+37·068	− 1	...	...
...	50·290	+42·807	− 5	...	...
...	50·432	+42·912	0·65	...	...
131-136					
131					
...	+51·612	+48·884	− 5	...	...
...	52·826	−55·201	− 5	...	...
*	54·965	+48·731	2·15	42. 179	9·1
S *	57·244	+ 0·292	5·85	43. 209	5·2
*	58·605	−47·726	1·20	...	...
...	+59·535	−38·833	1·00	...	...

1-30					
1					
...	−59·608	+48·776	− 5	...	...
*	56·227	+48·719	1·65	42. 179	9·1
...	55·271	−55·243	− 4	...	...
†	55·013	−10·187	− 5	M	...
S *	52·470	+ 0·352	4·88	43. 209	5·2
...	−52·309	+22·582	− 5	...	...
‡	49·719	−47·584	1·00	...	...
...	49·280	−53·840	− 5	M	...
*	49·069	−38·672	1·10	...	...
...	48·000	−38·517	− 3	...	...
11					
*	−47·548	−42·255	1·10	43. 210	10·0
...	46·783	−13·828	− 5	M	...
*	46·357	+50·294	1·30	42. 180	9·3
...	46·096	−10·974	− 2	...	...
...	43·651	+39·949	− 5	B	...
...	−40·011	−11·188	− 1	...	...
..	39·516	−27·922	− 4	...	...
S *	37·469	+55·165	1·60	42. 181	8·8
...	36·172	+16·379	− 1	...	...
S *	35·658	−32·406	1·50	43. 211	8·6
21					
...	−35·508	−15·509	− 3	...	...
...	35·266	−46·763	− 3	...	...
...	34·622	− 2·284	0·90	...	...
...	34·437	−36·273	− 4	...	...
*	33·836	+58·294	1·20	42. 182	10·0
*	−33·821	−30·638	1·10	43. 212	9·8
...	33·508	−38·228	− 5	M	...
...	32·476	+23·148	− 4	...	...
...	32·420	−39·227	0·80	...	...
...	30·749	−39·858	0·70	...	...
31-60					
31					
...	−30·117	+12·781	− 3	...	...
‡	29·910	+47·620	1·00	...	...
...	29·250	−39·179	− 5	M	...
...	28·051	−54·207	0·80	...	...
...	27·736	−20·454	− 5	M	...
S *	−27·475	+ 8·221	1·15	42. 183	9·6
...	25·928	+20·900	0·70	...	...
...	25·762	+33·397	− 4	...	...
‡	24·764	−50·664	1·00	...	...
S ‡	24·727	−40·066	2·95	43. 213	7·4
41					
...	−24·639	+41·686	− 5	...	...
...	24·637	+ 6·129	− 5	M	...
...	23·460	+10·879	− 2	...	...
*	23·127	+46·632	1·05	42. 184	10·0
...	22·979	+26·919	− 4	...	...
*	−22·104	− 8·116	1·00	...	...
*	20·971	−56·470	1·70	44. 232	8·9
†	19·869	−59·188	− 5	...	...
...	18·774	−57·177	− 5	M	...
...	17·325	−13·617	0·70	...	...
51					
...	−16·452	−56·265	− 4	...	...
...	14·253	+16·368	− 5	M	...
...	12·973	−54·168	− 4	A	...
...	12·797	− 2·419	− 4	B	...
...	12·388	+38·076	− 2	...	...
*	−12·362	+ 6·136	1·10	...	...
*	11·269	−31·166	1·10	43. 214	10·0
*	9·591	−56·019	1·10	44. 233	10·0
‡	7·808	−25·095	1·20	43. 215	9·8
...	7·363	+47·443	− 4	...	...
61-90					
61					
*	− 6·983	+27·085	1·00	...	...
...	6·934	−42·993	0·80	...	...
...	6·592	+38·280	− 3	...	...
...	6·529	+38·337	− 4	...	...
...	6·141	+41·150	− 4	...	...
...	− 5·931	−46·961	− 5	M	...
...	5·349	+20·343	− 5	M	...
...	4·699	+13·558	0·70	...	...
...	4·659	−21·091	− 5	M	...
...	2·947	+42·928	− 1	...	...
71					
...	− 2·455	−19·833	− 3	...	...
S *	1·720	−26·102	2·18	43. 216	7·8
‡	− 0·057	−10·651	1·70	43. 217	9·0
...	+ 0·226	+47·674	− 5	M	...
*	0·477	−18·594	1·10	...	...
†	+ 1·648	+24·830	− 4	...	...
...	2·271	+30·259	− 4	M	...
...	2·777	− 8·947	0·70	...	...
...	2·785	−43·724	− 4	...	...
...	3·262	+50·417	− 5	M *m*	...
81					
...	+ 5·160	−23·783	− 4	...	...
S *	5·797	+29·207	3·43	42. 186	6·6
...	6·232	+40·876	− 5	*m*	...
...	6·618	−32·409	− 1	...	...
...	7·481	−43·376	− 4	...	...
...	+ 7·498	+16·889	− 2	...	...
...	7·734	−29·433	− 5	...	...
...	9·809	+34·167	− 3	...	...
†	9·906	+39·561	− 5	...	...
†	9·922	− 4·689	− 1	...	...

B measured from 1, 74.
EW ,, ,, 32. 119

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
91–120					
91					
*	+10·616	+58·298	1·55	42. 187	8·6
...	11·305	+33·222	− 5	*m*	...
...	12·015	+21·763	− 5	...	...
S *	12·969	−50·966	1·00	...	...
...	13·680	+ 1·689	− 3	...	...
...	+13·728	+59·664	− 2	...	...
...	14·839	−41·372	2·35	42. 188	7·8
...	15·786	+26·596	− 5	...	...
...	16·671	−19·243	− 3	...	...
*	16·722	− 5·919	1·10	...	...
101					
...	+16·733	+19·147	− 5	*m*	...
*	17·026	−46·239	1·10	43. 218	10·0
*	17·387	−42·984	1·10	...	...
...	17·452	−36·279	− 5	...	...
...	17·701	−32·484	− 5	...	...
...	+18·095	+ 1·119	− 5	*m*	...
S *	18·530	+15·465	1·13	42. 189	9·6
*	19·033	− 6·367	1·00	...	...
...	19·293	−53·512	− 2	...	...
...	20·133	+31·082	− 4	...	...
111					
...	+20·323	−41·533	0·70	...	...
...	22·468	− 7·095	− 3	...	...
...	24·711	+33·336	− 5	...	...
...	25·149	+ 3·877	− 5	*m*	...
...	25·866	+ 1·369	− 4	...	...
...	+26·313	+54·497	− 2	...	...
...	27·898	−42·809	− 4	...	...
...	28·683	+46·125	0·70	...	...
...	30·668	+ 6·505	− 3	...	...
...	30·806	−37·009	0·90	...	...
121–150					
121					
...	+30·924	−29·736	0·75	...	...
...	31·055	+12·287	0·80	...	...
...	31·409	+58·365	− 4	...	...
...	31·609	− 4·354	− 5	...	...
...	31·775	+25·651	0·90	...	...
...	+32·460	+47·877	− 5	...	...
...	33·480	− 3·307	0·75	...	...
...	33·507	− 4·247	− 2	...	...
*	36·401	− 4·023	1·10	43. 219	10·0
...	37·110	−44·322	0·65	...	...
131					
...	+37·857	−54·555	− 5	...	...
*	37·936	+22·421	1·20	42. 190	10·0
...	39·515	+38·672	− 5	...	...
*	40·595	+52·782	1·70	42. 191	9·0
...	42·087	+31·240	0·80	...	...
S *	+42·974	−41·774	1·08	...	...
...	43·575	+ 8·313	− 5	...	...
...	43·676	+31·443	− 5	...	...
...	44·096	−15·960	− 4	...	...
...	44·447	+36·974	− 5	...	...
141					
...	+44·810	− 7·993	− 5	...	...
...	46·645	−57·802	− 4	...	...
...	46·959	−48·249	− 5	...	...
...	47·739	− 1·855	− 5	...	...
...	48·434	−19·583	− 4	...	...
...	+49·761	+19·232	− 5	...	...
...	50·451	−19·239	− 3	...	...
...	50·705	−14·044	0·65	...	...
*	51·656	−39·374	1·10	...	...
...	52·014	+22·662	− 4	...	...
151–164					
151					
...	+52·043	+ 4·858	− 2	...	...
...	52·792	+55·109	− 5	...	...
...	53·248	+46·977	− 5	...	...
...	54·173	− 5·292	0·70	...	...
...	54·619	+37·847	− 3	...	...
...	+55·637	−44·188	− 3	...	...
...	57·407	+18·128	− 5	*m*	...
...	57·760	−14·019	− 3	...	...
‡	57·893	−59·682	3·10	44. 240	7·8
...	58·315	+36·160	− 4	...	...
161					
...	+58·520	+ 0·973	− 4	*e*	...
...	58·728	+59·476	− 1	...	...
S *	58·973	+26·683	2·03	42. 192	9·0
...	59·027	+36·615	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
1–20					
1					
...	−58·698	−19·365	− 5	...	...
...	58·598	−14·161	− 3	...	...
...	58·407	+22·568	− 5	...	...
...	57·741	+ 4·759	− 4	...	...
...	56·894	−39·446	− 2	...	...
...	−56·253	+37·817	− 5	...	...
...	55·41[illegible]	− 5·3[illegible]	− 2	...	...
...	52·789	+59·563	− 1	...	...
...	52·[illegible]	+36·259	− 5	...	...
...	51·822	+36·[illegible]	− 5	...	...
11					
...	−51·567	−13·92[illegible]	− 4	...	...
S *	51·[illegible]	+26·789	1·[illegible]	42. 192	9·0
...	51·[illegible]	[illegible]	− 4	[illegible]	...
...	49·763	+43·923	− 3	...	...
...	46·327	+17·865	− 5	...	...
...	−46·239	+ 5·688	0·85	...	...
...	44·342	−20·739	− 4	...	...
†	43·698	+ 0·362	− 3	...	...
S *	42·847	−27·886	1·35	43. 220	9·4
...	42·682	+39·344	− 5	...	...
21–40					
21					
*	−42·404	+47·617	1·30	42. 193	9·4
S *	41·[illegible]	−11·780	2·05	43. 221	8·2
...	40·832	−40·268	− 2	...	...
...	40·19[illegible]	+34·413	1·20	42. 194	9·3
...	39·414	+31·228	− 5	...	...
...	−39·[illegible]6	−58·398	− 4	...	...
*	38·[illegible]71	+ 8·637	1·15	42. 195	10·0
...	36·[illegible]83	−25·824	0·90	...	...
*	36·101	+35·455	1·50	42. 196	9·2
...	3[illegible]·99[illegible]	+ 3·[illegible]3	− 3	...	...
31					
...	−3[illegible]·[illegible]79	+ 8·027	− 3	...	...
...	30·365	−10·934	− 5	...	...
...	28·928	−50·315	− 5	...	...
...	28·[illegible]40	+54·9[illegible]5	− 4	...	...
*	28·12[illegible]	+15·212	1·20	42. 197	10·0
...	−27·259	−33·826	− 3	...	...
...	26·[illegible]14	−10·271	− 3	...	...
*	26·459	+30·118	1·45	42. 198	9·3
*	25·[illegible]12	−40·[illegible]37	1·30	43. 222	9·6
...	23·811	−22·486	− 1	...	...
41–60					
41					
...	−23·479	− 6·281	− 4	...	...
...	23·410	−40·809	− 4	M	...
*	21·104	−13·472	1·20	43. 223	10·0
...	20·780	−12·973	− 3	...	...
...	20·376	− 2·109	− 2	...	...
†	−19·455	− 9·674	− 5	...	...
...	17·139	−59·[illegible]71	− 5	...	...
*	15·387	−11·389	1·60	43. 224	8·9
...	14·458	+59·[illegible]97	− 5	...	...
...	14·440	+10·607	− 4	...	...
51					
...	−13·[illegible]33	−23·587	− 3	...	...
...	13·196	−23·610	− 4	...	...
S *	10·792	+38·690	1·[illegible]8	42. 199	6·4
...	10·[illegible]13	−42·144	− 4	...	...
...	10·056	+45·[illegible]47	− 2	...	...
...	8·[illegible]30	+38·551	− 5	...	...
...	8·372	+24·150	− 5	...	...
...	6·391	− 1·491	− 5	...	...
...	4·892	+51·[illegible]55	− 4	...	...
...	4·865	+18·546	− 4	...	...

B measured from 1, 69.
CH ... ... 33, 111.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
61–90					
61					
...	− 4·631	−28·180	− 5	° m	...
S ‡	3·996	−44·465	1·70	43. 225	8·8
...	3·719	−20·108	0·90	43. 226	10·0
...	3·118	+43·805	− 1	...	...
...	2·990	−17·117	− 5	m	...
*	− 2·768	−33·649	1·20	43. 227	10·0
*	2·144	−56·943	1·30	44. 244	10·0
...	− 0·615	−49·947	− 2	m	...
*	+ 0·628	−20·817	1·20	43. 228	9·8
N	1·496	−24·635	− 5	m	...
71					
‡	+ 1·760	−59·309	4·50	44. 246	6·3
...	3·008	+16·787	− 1	...	...
...	3·194	+44·157	0·90	...	...
...	3·227	−54·310	− 3	...	...
*	4·358	+41·293	1·10	42. 200	10·2
...	+ 4·504	− 7·631	− 2	...	...
...	5·096	+ 9·763	− 3	..	...
*	6·255	−25·798	1·20	43. 229	9·4
..	6·930	−54·853	0·70	...	...
...	8·371	+41·588	− 5	...	...
81					
...	+ 8·425	−45·092	− 5	m	...
...	8·799	+ 6·070	− 4	...	...
...	9·209	+ 8·010	0·80	...	...
...	9·248	+37·636	0·90	...	..
†	9·820	+55·108	− 3	...	...
...	+10·813	−31·440	0·70	...	...
...	12·182	−30·391	− 3	...	...
...	12·664	−10·548	− 3	...	...
...	14·032	−16·819	− 4	m	...
*	15·429	−22·192	1·10	43. 230	10·0
91–120					
91					
...	+15·892	+11·492	− 5	...	...
*	17·291	+ 4·197	1·10	43. 231	9·2
*	17·544	+ 4·321	1·50		
...	17·627	+29·921	0·90	...	...
†	17·982	+10·325	− 5	...	...
...	+18·056	+27·948	− 3	...	...
S *	18·788	+ 6·495	1·40	43. 232	9·6
...	20·176	+53·481	0·70	...	...
*	21·471	+29·860	1·10	...	..
...	21·600	+ 8·139	0·70	...	...
101					
*	+23·232	−13·415	1·20	43. 233	9·6
...	24·633	− 4·149	− 3	b	...
...	25·195	−40·279	− 5	m	...
...	25·660	− 3·810	1·00	...	...
...	26·146	+ 1·166	− 4	m	...
...	+26·485	−26·262	− 3	...	...
S *	28·356	+39·508	2·00	42. 201	8·8
...	28·508	+38·203	− 5	...	...
...	28·725	+14·570	− 4	...	...
...	28·919	+ 3·292	− 1	...	...
111					
...	+30·609	−15·018	− 3	...	...
...	30·931	+37·596	− 4	...	...
S *	31·282	−56·690	1·80	44. 250	9·1
..	33·444	−23·453	− 2	...	...
*	33·581	− 0·489	1·20	43. 234	10·0
...	+34·846	+12·382	− 5	...	...
...	35·606	+14·850	− 5	m	...
...	36·314	−18·195	− 4	m	...
S *	36·319	−26·006	1·75	43. 235	9·0
...	37·884	− 1·615	− 3	b	...
121–138					
121					
...	+39·124	−11·196	− 3	° ...	...
...	41·482	−19·160	− 5	m	...
...	42·630	−32·800	0·80	...	...
...	43·808	−49·678	− 2	...	...
†	44·660	+ 4·168	− 4	...	...
...	+44·752	+59·826	− 5	...	...
...	45·227	−55·476	− 2	...	...
...	47·623	−42·533	− 5	m	...
*	47·632	+13·636	1·20	42. 204	10·2
...	51·369	+59·722	− 4	..	...
131					
*	+52·120	+27·023	1·30	42. 205	10·2
*	52·589	+45·058	2·40	42. 206	8·8
*	53·458	+46·971	1·60	42. 207	9·4
*	56·148	−37·438	1·30	43. 236	9·8
...	56·996	−43·516	− 5	e	...
*	+57·159	+49·066	1·60	42. 208	9·0
...	57·185	+18·084	− 4	...	...
...	58·752	+19·676	− 5	...	...

70. Brighter Star. 44°·13, mass.

1–20					
1					
†	−60·154	+59·571	− 5	° ...	...
*	58·479	+44·968	2·00	42. 206	8·8
*	58·418	+26·939	1·05	42. 205	10·2
*	57·661	+46·908	1·65	42. 207	9·4
*	54·052	+49·107	2·00	42. 208	9·0
...	−53·092	+18·146	− 3	...	...
*	52·452	−37·380	1·10	43. 236	9·8
...	51·575	+19·781	− 3	...	...
...	51·416	−43·402	− 5	E	...
...	49·013	+34·648	0·65	...	...
11					
...	−48·823	−36·884	− 5	M	...
S *	47·969	−26·279	1·28	43. 237	9·4
...	47·843	−15·452	0·65	...	...
...	47·708	−27·847	0·70	...	...
...	45·505	−35·057	− 3	...	...
*	−44·904	+53·721	1·20	42. 209	9·8
...	44·375	−34·994	− 5	M	...
...	42·540	+13·870	− 4	...	...
...	41·195	−38·150	− 5	...	...
...	41·004	−13·965	− 3	B	...
21–40					
21					
...	−40·405	−12·924	− 4	° M	...
‡	40·180	−16·078	1·10	...	...
...	39·533	+10·887	− 4	...	...
*	39·240	+53·470	1·30	42. 210	9·6
...	39·138	+39·628	− 5	M	...
...	−34·262	+29·846	− 5	...	...
S *	33·470	+44·173	1·60	42. 211	9·2
...	32·161	−32·046	− 3	B	...
...	32·048	−38·814	0·65	...	...
...	30·037	−53·691	0·90	44. 258	10·0
31					
...	−29·580	+31·978	0·70	...	...
...	28·229	− 0·038	− 4	M	...
...	27·720	+54·721	− 4	...	...
S *	26·739	−43·579	2·55	43. 238	8·0
*	26·631	−24·902	2·10	43. 239	8·6
S *	−25·342	−23·574	2·30	43. 240	8·4
*	24·402	+47·005	1·40	42. 212	9·6
...	24·010	+44·077	− 4	...	...
...	23·606	+14·419	− 5	...	...
*	22·213	+33·871	1·80	42. 213	8·8
41–60					
41					
S *	−18·485	+ 3·241	1·30	43. 241	9·4
...	17·968	+10·591	− 3	...	...
...	15·276	−50·748	− 3	...	...
...	13·842	+30·601	− 3	...	...
...	13·230	−46·366	0·90	...	...
...	−12·173	+36·807	− 5	...	...
...	11·251	+ 1·930	− 4	...	...
...	10·881	− 7·574	− 5	M	...
...	9·093	−34·902	− 3	...	...
†	7·686	−44·410	0·70	...	...
51					
...	− 7·597	+48·631	− 5	...	...
†	6·552	+10·391	− 4	...	...
...	5·462	+25·895	0·80	..	...
...	4·032	−25·610	− 5	M	...
...	2·266	+25·131	− 4	...	...
...	− 1·974	+57·757	− 5	M	...
*	1·902	+18·091	1·15	..	...
...	0·806	−29·957	− 2	...	...
...	− 0·007	−28·067	− 3	M	...
...	+ 0·996	+42·946	− 3	...	...

B measured from 1, 59.
CH ,, ,, 30, 94.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
61 90					
61					
...	+ 1·498	+ 1·326	− 3	M	...
S *	1·776	+31·211	2·00	42. 214	8·6
...	2·052	−38·480	− 5	M	...
...	2·539	−35·445	0·70	...	...
...	4·009	+42·464	− 4	...	...
‡	+ 4·698	+41·463	4·30	42. 215	6·7
...	6·158	+ 2·069	− 5	...	...
...	6·457	+29·542	0·85	...	...
...	6·515	−37·085	− 3	...	...
...	7·730	−28·739	− 5	...	...
71					
...	+ 8·067	− 2·406	1·00	43. 242	10·0
...	9·378	−18·426	0·90	...	...
...	11·412	−48·848	− 5	...	...
*	11·857	− 2·640	1·20	43. 243	9·6
*	12·679	+37·259	1·90	42. 216	9·0
...	+12·857	+ 3·765	1·00	43. 244	10·0
S *	13·116	+16·204	1·30	42. 217	9·4
...	15·456	−58·117	− 4	...	...
...	15·600	+17·537	− 4	...	...
...	16·133	−31·410	− 5	...	...
81					
...	+17·155	−46·038	1·00	...	...
...	17·432	− 7·416	− 4	...	...
*	18·396	−50·667	1·20	...	...
...	19·433	+ 0·679	− 3	...	...
*	21·428	+60·070	1·20	42. 218	10·2
...	+22·081	+32·399	− 5	...	...
...	22·810	+54·448	− 4	...	...
...	23·317	+12·327	− 3	...	...
*	23·817	+54·815	1·30	42. 219	9·2
...	24·437	−10·152	0·70	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
91–120					
91					
...	+24·803	−26·866	− 5	...	...
...	26·735	+40·836	− 4	...	...
...	26·827	−29·628	− 3	...	...
...	30·772	+36·311	− 5	...	...
S	34·728	−26·132	1·50	43. 245	8·8
...	+34·918	+52·600	− 4	...	...
S *	35·535	−39·587	3·45	43. 246	7·0
...	35·785	+18·134	− 5	...	...
*	36·924	−19·776	1·60	43. 247	8·8
*	37·133	−57·746	1·30	44. 266	9·4
101					
*	+37·194	+14·799	1·25	42. 220	10·2
...	40·498	+26·899	− 5	...	...
...	42·738	+33·681	− 2	...	...
...	42·912	+53·343	− 5	...	...
†	44·497	+35·547	− 2	...	...
†	+44·564	−43·198	− 4	...	...
†	44·625	− 3·016	− 5	*b*	...
S *	44·730	+33·030	2·43	42. 221	8·1
...	44·838	−16·346	− 5	...	...
*	45·057	+29·602	1·20	42. 222	10·0
111					
...	+45·503	+23·277	− 1	...	...
...	45·736	−17·769	− 1	...	...
*	45·759	+10·190	1·40	42. 223	9·4
...	46·259	+12·590	− 5	...	...
*	50·909	+17·215	1·30	42. 224	10·0
...	+53·554	− 6·415	1·00	43. 248	10·0
...	54·805	−23·584	− 5	...	...
...	55·527	−13·776	0·80	43. 249	10·0
...	57·273	+43·560	− 5	...	...
...	58·111	+ 5·108	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
121					
121					
*	+59·256	−23·845	1·25	43. 250	10·0

1–20					
1					
*	−59·316	+17·080	1·20	42. 224	10·0
...	55·963	− 6·454	0·90	43. 248	10·0
...	54·182	−23·562	− 5	...	...
...	53·771	−13·759	0·85	43. 249	10·0
...	53·763	+43·611	− 4	...	...
...	−49·745	−23·716	0·90	43. 250	10·0
	48·889	−37·868	− 3	...	...
...	47·476	+25·804	− 4	...	...
...	47·998	−32·530	− 2	...	...
S *	44·746	+22·988	3·00	42. 225	6·8
11					
...	−44·678	− 0·190	− 4	...	...
...	44·326	−24·116	− 3	...	...
S	43·387	−19·767	1·30	43. 251	9·2
...	41·900	− 6·807	− 4	...	...
*	40·557	[illegible]	1·20	43. 252	[illegible]
...	−40·164	+59·268	− 2	...	...
...	39·346	+31·332	− 4	...	...
...	38·694	−56·872	− 5	...	...
‡	35·[illegible]	+22·623	1·25	42. 226	9·4
*	31·945	+53·[illegible]	1·30	42. 227	9·8

21–40					
21					
...	−30·607	− 7·523	0·70	...	...
...	29·016	−34·060	0·70	...	...
...	26·852	−48·683	− 1	...	...
*	26·767	−28·231	1·00	43. 253	10·0
...	26·212	+54·213	− 4	...	...
...	−26·143	+37·329	− 1	...	...
...	24·729	+25·015	− 4	...	...
...	24·642	−58·940	− 2	...	...
...	23·087	−33·862	− 5	...	...
S *	23·[illegible]	−48·114	1·20	43. 254	9·4
31					
...	−22·924	−23·048	− 3	...	...
...	22·[illegible]	+ 6·546	0·70	...	...
*	21·688	−37·593	1·[illegible]	43. 255	10·0
...	20·[illegible]	− 2·791	− 4	...	...
...	20·201	+18·932	− 5	...	...
...	−19·339	+38·035	− 5	...	...
...	19·[illegible]	+21·228	− 3	...	...
...	17·[illegible]	−36·909	− 3	...	...
*	17·[illegible]	+22·012	1·20	42. 228	10·2
...	14·681	+52·624	− 5	...	...

41–60					
41					
*	−14·271	−58·606	1·10	44. 275	10·0
...	13·882	−23·870	− 4	...	...
...	13·603	−10·702	− 4	...	...
*	11·918	−15·060	1·00	43. 256	10·0
...	11·277	+48·818	− 3	...	...
...	−10·466	+46·902	− 3	...	...
...	8·130	+26·765	− 4	...	...
S *	7·232	+ 7·830	2·60	42. 229	7·8
*	3·104	+14·567	1·00	...	...
...	2·147	+47·[illegible]67	− 5	...	...
51					
...	− 1·786	−51·058	− 4	...	...
...	1·773	− 9·400	− 4	...	...
*	0·987	+26·807	1·00	42. 230	10·2
*	− 0·257	+40·565	1·60	42. 231	8·8
...	+ 0·555	+51·238	− 5	...	...
...	+ 0·641	+20·027	− 5	M	...
...	2·089	−35·812	0·90	43. 257	10·0
S *	3·051	+28·806	2·80	42. 232	7·8
...	5·214	+13·700	− 4	...	...
S *	6·857	−22·917	1·15	43. 258	9·4

S measured from 1.
CH ,, ,, 55.

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
61-90					
61					
...	+ 8·505	− 7·561	− 2	...	...
..	8·755	+41·271	− 3	...	...
*	9·152	+41·799	1·60	42. 233	8·8
*	9·774	+ 4·116	1·40	43. 259	9·4
...	10·831	+28·505	− 4	...	...
...	+11·070	+48·669	− 3	...	...
...	11·364	−16·755	0·85	43. 260	10·0
*	11·563	−45·813	1·10	43. 261	10·0
.	11·875	−36·644	− 3	...	...
...	12·573	− 7·757	− 4	...	...
71					
...	+13·361	−43·480	− 4	...	...
...	13·663	−41·474	− 4	..	...
†	14·059	+10·348	− 3	...	...
S *	14·189	−41·406	1·50	43. 262	8·6
...	14·232	−41·158	− 4	...	...
..	+14·661	+50·572	− 4	..	...
...	15·583	− 0·184	− 2	...	...
S *	16·807	+18·277	1·35	42. 234	9·2
..	18·039	−44·351	− 5	...	...
...	18·356	−28·792	− 3	...	...
81					
...	+19·624	−47·686	− 4	...	...
...	20·057	−21·736	− 2	...	...
...	20·720	+24·231	− 2	...	...
...	21·567	+38·555	− 3	...	...
...	22·707	+41·501	− 4	...	...
*	+24·734	+ 6·067	1·20	43. 263	10·0
...	25·112	− 4·158	− 4	...	...
...	25·768	+ 4·180	− 4	...	...
...	27·881	+27·054	− 5	...	...
...	28·409	+ 8·071	− 4	...	...
91-120					
91					
*	+29·037	+34·855	1·25	42. 236	10·2
S ‡	29·055	+45·278	1·40	42. 235	9·2
...	29·455	−46·859	− 5	...	...
...	29·673	−11·369	− 3	*a*	...
...	29·858	−56·386	− 3	...	...
...	+30·168	+45·282	− 4	...	...
...	30·650	− 3·864	− 4	...	...
...	32·313	−17·882	− 4	...	...
...	33·325	−40·515	− 4	...	...
S *	33·802	−42·580	1·20	43. 264	9·4
101					
...	+34·364	−18·615	− 3	...	...
...	36·236	− 0·090	− 2	*a*	...
...	41·462	+17·549	− 3	...	...
...	41·801	−17·518	− 4	...	...
...	42·033	−19·983	− 5	...	...
...	+42·156	−31·638	− 5	...	...
...	43·082	+17·879	− 3	...	...
...	43·823	+35·350	− 4	...	...
*	44·347	+ 2·340	0·75	43. 265	10·0
...	44·800	−42·277	− 1	...	...
111					
...	+45·309	+33·464	− 4	...	...
...	45·470	+36·089	− 3	...	...
...	47·626	+33·808	− 4	...	...
...	50·767	+29·262	− 3	...	...
...	52·744	−43·647	− 4	...	...
...	+53·193	+56·757	0·90	42. 237	9·6
...	54·270	−20·444	− 4	...	...
...	55·892	+57·282	− 5	...	...
S *	56·381	+40·832	1·40	42. 238	9·2
...	56·381	−42·037	− 5	...	...
121-123					
121					
...	+57·340	−36·940	− 2	...	...
...	58·402	−28·440	0·80	...	...
*	59·280	+15·011	1·15	42. 239	9·7

1-20					
1					
...	−58·250	+56·694	0·80	42. 237	9·6
...	55·682	−43·694	− 5	...	...
S *	54·567	+40·851	1·60	42. 238	9·2
...	52·096	−41·990	− 5	...	...
...	51·297	−36·849	− 2	...	...
*	−50·880	+15·131	1·30	42. 239	9·7
*	50·485	−28·321	1·10	...	...
*	49·313	+14·284	1·45	42. 240	9·2
*	48·774	− 7·653	1·25	43. 266	10·0
*	48·391	−25·088	1·50	43. 267	9·0
11					
†	−48·353	−24·943	− 5	..	...
...	48·223	+13·874	− 5	...	...
*	46·747	+23·424	1·30	42. 241	9·4
*	44·394	+36·811	1·40	42. 242	9·2
...	43·644	+ 8·083	− 4	...	...
*	−43·106	−52·062	1·10	...	...
...	42·804	+36·544	− 5	...	...
S *	42·789	+26·777	2·90	42. 243	8·2
...	41·590	−55·087	− 5	...	...
...	41·129	+ 3·332	0·80	43. 268	10·0
21-40					
21					
...	−41·103	+ 3·549	0·70	...	...
...	40·284	−19·234	− 3	...	...
...	39·502	+50·784	− 5	...	...
...	39·434	−13·186	− 4	...	...
...	39·216	+56·082	− 5	...	...
...	−38·734	− 1·126	− 5	M	..
...	37·958	−18·381	− 5	M	..
...	37·407	−21·808	− 5	...	...
...	34·972	−11·481	− 5	M	...
...	33·528	−34·848	− 4	...	...
31					
*	−33·139	−14·744	2·20	43. 269	8·8
...	33·084	−27·170	− 5	...	...
...	32·575	−15·559	− 5	M	...
...	31·464	+10·863	0·70	...	...
...	31·304	+ 5·454	− 4	...	...
*	−30·549	−28·641	1·40	43. 270	9·4
*	30·222	+38·695	1·20	...	...
*	26·799	− 5·107	1·20	43. 271	10·0
...	25·039	−29·217	− 4	...	...
...	24·162	−42·023	− 5	...	...
41-60					
41					
...	−23·579	+ 0·236	− 5	M	...
S *	23·538	−43·109	1·40	43. 272	9·1
...	22·831	−46·126	0·85	...	...
*	22·377	−58·805	1·40	44. 287	9·4
...	21·221	−14·183	− 5	M	...
...	−21·179	−36·858	0·90	...	...
S *	18·872	−23·907	2·00	43. 273	8·3
...	17·231	+23·712	0·70	...	...
...	17·039	−48·178	− 3	...	...
...	16·649	+ 8·092	− 5	...	...
51					
†	−14·600	+29·786	− 5	...	...
*	13·869	− 0·530	1·20	43. 274	10·0
...	12·648	−27·775	− 5	...	...
*	12·247	−40·198	2·60	43. 275	8·4
‡	12·126	+39·825	1·40	42. 244	8·9
*	−10·940	+29·109	1·10	...	...
‡	10·828	−54·854	1·30	44. 292	9·8
*	10·230	−27·230	1·30	43. 276	9·8
...	9·922	−19·912	0·80	...	...
...	9·554	+20·663	− 5	M	...

CH measured from 1.
B ,, ,, 74.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
61–100					
61					
...	− 9·495	− 5·319	− 5	M	...
S	7·428	+39·700	3·10	42. 245	7·8
..	7·163	+42·055	− 4	...	...
..	6·475	−54·370	− 4		...
	6·241	+40·265	− 2		...
...	− 6·111	−36·050	− 2	...	...
...	5·763	−53·153	− 3	...	...
†	5·087	−46·381	− 3		...
*	3·468	−13·538	1·20	...	...
...	3··97	+14·557	− 5	M *m*	...
71					
...	− 1·582	−52·527	0·90	...	..
...	0·656	−55·922	− 2	...	.
	− 0·115	+23·766	− 4	M	..
..	+ 0·251	+44·339	0·70	..	..
..	0·326	+48·210	0·90	42. 248	9·7
..	+ 0·431	+ 7·691	− 3	...	...
.	1·991	+30·569	1·20	42. 249	9·3
..	2·932	−11·424	− 5	M	...
	3·364	−26·675	− 5	...	...
..	3·437	−13·648	− 4	...	...
81					
..	+ 3·858	−26·212	− 4	...	...
...	4·352	+36·347	0·70	...	...
*	4·356	+13·372	1·30	42. 250	9·0
...	4·784	−53·734	− 3	...	..
...	5·258	−33·371	− 3	...	...
	+ 5·302	−25·815	− 3	.	
	6·448	+11·890	− 5	...	...
	6·832	−30·119	− 4		.
	7·365	+13·519	− 4	...	..
...	7·472	−18·209	− 5	...	..
91					
...	+ 8·695	+16·414	− 4	...	...
.	9·399	+23·397	− 3	...	...
*	10·514	+49·909	1·00	42. 251	9·7
...	10·597	+ 2·29[illegible]	0·65	...	...
S *	10·755	−19·267	5·55	43. 277	5·7
⁝	+11·785	+39·861	0·90	...	...
	13·340	−17·466	− 3	...	...
*	14·498	+20·604	1·10	42. 252	9·6
.	16·063	+ 55·235	− 5	...	...
...	16·261	+25·675	− 4	...	...
101–140					
101					
...	+16·745	+21·727	0·85	...	...
...	17·497	−13·818	− 5	..	...
...	17·503	+59·526	0·90	42. 253	9·7
*	17·529	+50·604	1·20	42. 254	9·2
...	18·784	+57·487	− 4	...	...
...	+19·268	+49·020	− 5	...	...
‡	19·349	+44·768	1·00	42. 255	9·6
*	20·313	−50·903	1·20	43. 278	9·8
*	20·682	+48·385	1·00	...	...
...	24·818	+18·828	− 1	...	...
111					
S *	+25·307	+32·047	1·80	42. 256	8·6
..	26·550	−47·703	− 4	...	...
...	27·630	−55·977	− 2	...	...
..	28·015	+13·140	− 5	*m*	...
.	28·480	+13·819	− 5	...	...
...	+28·933	− 3·371	0·70	...	...
	29·598	−29·884	0·70	...	...
*	29·673	+14·693	1·40	42. 258	9·2
*	29·837	+53·542	2·20	42. 257	8·6
...	30·282	− 8·559	− 4	...	...
121					
	+30·302	−56·418	− 5	...	...
	32·026	+32·591	− 2	...	...
*	32·602	+22·698	1·40	42. 259	9·0
.	33·268	−29·178	− 4	...	...
...	33·626	− 0·810	− 5	...	...
...	+36·091	−24·532	− 4	...	...
.	36·264	+33·040	− 3	...	...
S *	36·765	+ 2·294	2·65	43. 279	8·1
*	37·477	− 2·963	1·15	43. 280	9·6
..	37·683	−54·180	− 5	*m*	...
131					
..	+38·376	+27·720	0·70	..	.
	38·491	+51·090	− 4	...	
...	38·568	+29·656	− 3	...	...
⁝	38·937	−30·024	− 1	.	.
...	42·599	− 9·288	− 5		...
...	+43·067	− 9·012	0·70	...	...
...	43·751	− 0·503	− 4	*a*	...
...	45·123	−21·695	− 5	...	.
..	45·423	−19·157	− 3	...	...
†	49·781	− 6·151	0·90	...	...
141–159					
141					
...	+50·105	+ 2·561	− 5	...	...
*	50·360	+43·068	1·50	42. 260	9·2
*	50·368	+ 2·095	1·10	43. 281	9·8
...	50·950	+18·799	− 5	...	...
...	51·564	+26·889	0·75	...	...
...	+51·832	+57·560	− 5	...	...
..	52·036	−59·434	− 5	*m*	...
..	52·166	+38·827	− 4	...	...
..	54·333	+ 2·693	0·70	...	...
...	54·615	−32·778	− 1	...	...
151					
...	+55·080	+41·240	− 5	...	...
S *	55·483	−16·066	2·00	43. 282	8·6
*	56·117	−13·380	2·00	43. 283	8·7
...	56·769	−23·832	− 5	...	...
...	57·248	+40·203	− 5	...	...
...	+57·765	+14·112	− 5	...	...
...	58·491	−30·742	− 1	...	..
...	58·854	−42·829	− 4	...	...
...	59·363	− 8·113	− 4	*e*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–10					
1					
...	−59·731	− 6·289	0·90	...	...
..	59·682	+ 2·435	− 4	...	...
*	59·406	+ 1·978	1·20	43. 281	9·8
.	59·337	+18·671	− 5	...	.
...	58·952	+26·793	0·70	...	
	−58·717	+38·738	− 4	...	
...	55·469	+ 2·691	0·80	...	
...	54·126	−32·764	− 3	...	...
S *	53·753	−16·038	1·63	43. 282	8·6
...	53·689	+40·270	− 5	...	...
11–20					
11					
*	−53·194	−13·333	1·55	43. 283	8·7
.	52·372	+14·209	− 5	...	...
...	52·253	−23·759	− 5	...	...
...	50·321	−30·608	− 2	...	...
..	50·128	− 7·971	− 4	E	...
..	−49·590	−42·691	− 4	...	...
..	48·625	+28·654	− 2	...	...
...	48·154	+ 9·440	− 3	...	...
...	47·395	+12·483	0·90	...	...
...	46·668	+57·699	− 4	...	...
21–30					
21					
...	−43·359	+39·482	− 4	...	...
S *	42·427	+42·077	2·00	42. 261	8·4
...	42·259	− 3·802	− 4	...	...
S *	41·850	+ 8·526	1·30	42. 262	8·5
...	41·363	−24·631	− 4	...	...
...	−40·744	−15·987	− 3	...	...
...	40·569	+30·377	− 5	...	...
S *	38·785	−55·552	1·48	44. 298	9·2
*	37·645	−40·070	1·30	43. 284	9·6
...	35·168	−28·925	0·70	...	...

CH measured from 1.
B ,, ,, 82.

31–80

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
31					
S ‡	−35·080	−15·618	3·00	43. 285	7·7
*	34·859	− 0·587	1·10	..	...
...	33·043	−47·781	− 4	...	...
...	31·603	+17·766	− 3	..	...
...	31·405	−39·078	− 1	..	...
..	−30·981	−16·017	− 2	...	...
...	30·211	−34·783	0·90	...	...
*	29·916	− 6·876	1·05	43. 286	9·8
...	28·976	− 5·616	− 3	...	...
*	27·524	+23·609	1·00	...	...
41					
*	−27·344	−18·727	1·10	43. 287	9·8
..	26·753	−55·725	− 4	..	...
...	26·569	+41·627	− 3	..	..
*	26·421	− 7·314	1·00	...	..
...	26·223	+ 0·134	− 2	*a*	..
.	−25·966	−25·143	− 5	M	.
...	24·639	−50·383	0·80	..	..
...	23·532	−25·453	− 4	...	...
..	22·779	−23·605	− 5	M	...
..	22·531	−45·125	− 5	M	...
51					
*	−22·450	+53·451	1·30	42. 265	9·2
...	22·266	−37·472	− 5	M	..
...	22·041	−25·735	− 5	...	...
...	21·815	+32·032	− 3	...	...
*	21·710	−25·472	1·80	43. 288	8·5
...	−20·315	+37·434	− 4	M	...
...	19·632	− 9·851	− 3	...	..
*	18·615	+33·309	1·00	...	...
...	17·800	−49·844	− 4	A	...
...	17·625	−44·103	− 4	...	...
61					
S *	−16·997	+34·357	1·10	42. 266	9·2
...	16·221	+14·252	− 4	..	...
...	13·071	+19·737	− 4	...	...
...	12·978	−55·257	− 2	.	...
...	12·294	+54·136	− 4	..	...
...	−11·876	−50·303	− 4	..	...
...	11·646	−45·590	0·80	.	...
...	11·025	+50·398	0·80	..	...
*	10·606	− 6·402	1·10	..	..
...	9·818	+12·120	− 4	..	...
71					
...	− 8·550	−21·303	0·90	...	...
...	7·879	−50·761	− 4	...	...
*	6·775	− 7·592	1·00	...	...
...	6·188	−37·691	− 4	..	...
...	5·350	−12·861	− 1	...	..
...	− 5·183	−38·678	− 5	M *m*	...
...	4·771	+ 0·030	0·75	F *f*	...
...	3·029	−22·924	− 2	...	...
...	2·919	+ 1·378	− 4	*m*	...
...	2·505	−42·589	− 4	...	...

81–130

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
81					
.	− 2·138	−52·025	0·80	...	
...	+ 1·195	− 1·605	− 2	M	
..	1·270	+36·252	− 5	...	
	1·958	+ 5·217	− 3	..	
.	2·937	+24·952	0·70	...	
..	+ 3·289	+44·551	− 3	...	
†	4·859	+32·022	− 4	...	
...	5·353	−33·528	− 1	...	...
	5·429	−14·017	− 3	...	
...	5·607	+15·648	− 5	*m*	
91					
...	+ 5·669	− 6·675	− 4	...	...
.	5·710	−11·117	− 4	*b*	...
...	5·778	− 8·475	− 4	*b*	...
.	6·931	−44·497	0·70	...	...
.	7·605	+30·637	− 5	...	.
	+ 7·682	+13·581	− 1	...	.
	7·891	+20·777	− 5	*m*	...
*	9·068	+54·726	1·15	42 267	9·6
..	10·182	+26·566	− 1	...	...
...	10·836	+21·934	0·70	...	...
101					
...	+11·316	+13·306	− 4	...	...
S *	11·743	+34·835	1·20	42. 268	9·0
...	12·323	+16·438	0·80	...	...
...	12·997	+ 8·550	− 5	...	...
...	15·899	+ 0·589	− 5	...	...
*	+16·415	− 7·747	1·00	43. 289	9·8
N †	16·983	−14·663	− 3	..	...
N	16·987	−14·714	− 5	...	...
...	17·723	−36·119	− 4	...	...
*	18·297	+21·566	2·00	42. 269	8·3
111					
...	+19·984	+28·117	− 4	...	...
	20·424	−56·682	− 5	...	...
...	20·444	−55·379	− 4	...	...
*	21·187	−57·936	1·30	44. 305	9·4
...	21·763	−26·731	− 3	...	...
...	+22·114	+ 6·987	− 5	...	..
...	22·224	+27·653	− 4	...	...
*	23·193	−16·668	1·10	43. 290	9·6
S *	23·896	−33·890	1·65	43. 291	8·7
...	24·906	+28·009	− 1	...	...
121					
...	+25·080	+30·743	0·70	...	...
*	25·553	−29·342	1·10	43. 292	9·8
...	25·648	−15·136	− 3	...	...
...	26·267	−41·459	− 5	...	...
...	27·806	+32·215	− 3	...	...
...	+28·158	+22·546	− 4	...	...
...	28·455	− 8·741	− 4	...	...
...	29·051	−46·943	0·70	...	...
*	29·208	−14·743	1·65	43. 293	8·6
...	30·366	− 5·689	− 3	...	...

131–161

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
131					
...	+32·310	− 9·428	− 3	...	...
...	32·818	−34·106	− 1	...	...
*	35·352	+23·956	1·10	42. 270	9·6
*	35·984	−25·164	1·05	43. 294	9·8
...	37·022	+55·005	− 5	..	...
...	+37·496	+ 6·562	− 2	...	...
†	39·789	+14·922	0·80	...	...
. .	39·983	+ 6·074	− 5	...	...
*	40·400	+28·628	1·10	42. 271	9·4
...	41·073	−14·312	0·70	...	...
141					
...	+41·224	−41·810	− 5	...	...
*	41·389	− 5·022	1·35	43. 295	8·8
...	41·712	+ 3·964	− 4	...	...
S *	41·838	−23·233	1·48	43. 296	8·7
	41·870	−18·236	− 4	...	...
...	+42·481	+ 3·854	0·70	...	...
...	42·946	+ 0·515	− 5	...	...
...	42·949	−29·203	− 5	*m*	...
..	43·558	− 3·035	− 3	...	...
*	45·466	−56·165	1·15	44. 310	9·8
151					
*	+45·587	−42·182	1·20	43. 297	9·6
	46·724	−45·023	− 4	...	...
...	47·154	−34·631	− 3	...	...
.	47·409	− 9·757	− 5	*m*	...
...	49·586	−37·348	− 2	...	...
*	+51·972	− 5·267	1·40	43. 298	9·5
*	52·158	− 3·871	1·25	43. 299	9·2
..	54·932	−12·372	0·70	...	...
...	57·103	+24·439	− 5	...	...
...	58·364	+24·867	− 5	...	...
161					
...	+59·329	−21·001	− 5	...	...

107, 108. 44°·18, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–60					
1					
...	−59·019	−37·483	−4	...	...
*	57·577	− 5·350	1·15	43. 298	9·5
*	57·451	− 3·944	1·35	43. 299	9·2
...	54·431	−12·365	0·75	...	...
...	53·345	+24·491	−5	...	...
..	−52·093	+24·955	−5	...	...
..	51·946	−55·220	−5	...	...
...	51·543	−33·618	−5	...	...
...	50·175	+23·123	−5	...	...
...	49·540	+15·157	−5	M	...
11					
*	−48·893	− 5·536	1·00	...	...
...	48·196	+30·998	−4	...	...
S *	48·145	+ 1·181	2·40	43. 300	8·2
...	46·982	−38·272	−3	...	...
..	46·799	+21·760	−5	...	...
...	−45·912	+ 7·876	0·65	...	...
...	45·559	−43·957	0·75	...	...
..	41·841	−11·227	−5	...	...
.	41·736	−39·095	−2	...	...
...	41·420	− 4·997	−5	B	...
21					
*	−40·464	−49·741	1·60	43. 301	9·2
..	38·559	−41·409	−5	...	...
...	38·056	+52·613	−5	...	...
...	36·971	−13·455	−2	...	...
...	36·833	− 2·055	0·75	...	...
..	−36·427	+27·851	−5	...	...
...	36·077	−17·184	−5	...	...
†	34·841	−43·884	0·90	...	...
...	34·439	− 8·869	−5	...	...
...	33·964	−11·359	0·70	...	...
31					
..	−33·156	+12·524	−4	...	...
...	33·095	−55·552	0·90	...	...
...	32·750	−12·762	−5	...	...
.	32·694	−54·693	0·80	...	...
..	32·612	−13·360	−4	...	...
...	−32·136	+25·931	−2	...	...
*	31·640	−48·272	1·00	...	...
...	30·707	+23·326	−5	...	...
S †	30·547	−39·592	1·40	43. 302	9·0
...	27·969	−41·268	−5	...	...
41					
...	−27·616	− 6·578	−4	...	...
...	26·514	+29·318	−5	...	...
...	26·090	+15·101	−3	...	...
...	25·675	−52·060	0·90	...	...
†	24·900	−16·948	−1	...	...
...	−24·672	−49·199	−2	...	...
...	24·187	−41·517	−3	...	...
...	23·846	−35·313	−5	...	...
...	23·756	+28·543	0·70	...	...
...	23·526	+ 4·383	−4	...	...
51					
..	−22·873	−13·444	0·90	43. 303	9·8
...	21·887	+21·568	−5	...	...
...	21·698	− 9·894	−4	...	...
...	21·655	−11·227	0·80	...	...
S *	21·123	+ 9·396	1·23	42. 272	9·2
N †	−20·632	− 9·603	0·80		
N *	20·624	− 9·526	1·00	43. 304	9·8
...	20·061	+10·668	0·75	...	...
...	18·887	+30·704	−2	...	...
...	18·662	−38·637	−5	...	...
61–120					
61					
...	−18·459	− 6·015	−5	...	...
...	18·252	−32·431	−5	...	.
...	18·016	+ 0·652	−5	...	...
...	17·369	+55·568	−1	...	...
..	16·920	−21·100	−3	...	...
...	−16·266	+ 8·665	−2	...	...
...	15·661	+59·190	0·65	..	...
...	15·200	− 1·110	−5	..	...
...	14·620	−45·861	−5	...	..
...	14·473	−16·316	−4	...	...
71					
...	−12·605	+45·509	0·70	...	...
...	10·637	+34·033	−4	...	...
†	9·868	+37·967	0·80	...	...
*	9·621	+25·977	1·00	42. 273	10·0
...	9·258	+ 7·512	−5	...	...
...	− 8·741	−57·315	−5	...	...
...	8·548	+19·552	−4	...	...
...	8·193	+38·154	−5	...	...
S *	8·175	−13·556	1·80	43. 305	8·4
...	6·400	+28·573	0·80	...	...
81					
†	− 6·049	+10·278	−4	...	...
...	3·968	−55·067	0·70	..	...
...	3·403	+14·202	−2	...	...
*	3·042	− 8·916	1·15	...	...
...	− 1·794	+ 2·860	−2	...	...
...	+ 0·675	+27·914	0·85	...	...
...	0·990	−27·258	−3	...	...
...	1·600	+31·078	−3	...	...
...	2·330	+46·932	−5	*m*	...
...	2·510	−32·836	−4	*m*	...
91					
*	+ 3·312	−33·585	1·30	43. 306	9·5
...	3·689	−37·277	−3	...	...
...	3·763	−37·214	−3	...	...
S *	4·026	+13·583	1·30	42. 274	9·1
*	4·760	−31·633	1·10	...	...
...	+ 5·986	+ 6·525	−3	*b*	...
...	6·668	+28·187	0·65	...	...
...	7·491	+16·265	−1	...	...
†	8·400	+50·225	−4	...	..
...	8·557	+52·126	−5	...	...
101					
...	+ 9·774	+38·364	−3	...	...
...	10·311	−52·949	−3	...	...
...	10·377	+ 4·087	−4	*b*	...
...	10·733	+ 3·870	0·70	...	...
...	11·521	+23·351	0·65	...	...
*	+13·010	+ 6·806	1·20	42. 275	9·6
...	13·688	−13·533	0·70	...	...
*	13·724	+36·787	1·35	42. 276	9·0
...	14·577	−28·997	−5	*m*	...
...	14·790	+44·495	−5	...	...
111					
*	+14·957	−45·366	1·40	43. 307	9·4
S *	15·739	+43·720	2·85	42. 277	7·8
...	15·908	− 1·918	−3	*b*	...
...	16·072	+11·109	−5	*m*	..
...	16·214	− 7·814	0·90	...	...
...	+16·816	+18·629	−4	...	...
...	16·849	−14·677	−5	*m*	..
...	16·982	+24·001	−4	*m*	...
...	17·142	+10·609	−3	...	...
...	17·522	−57·741	−3	...	...
121–180					
121					
...	+17·602	−10·970	0·70	...	...
...	18·419	+12·501	−5	*m*	..
...	18·694	−14·654	−4	*m*	...
...	18·992	− 1·985	0·75	...	...
†	19·992	+ 9·006	−2	...	...
†	+20·075	−49·188	−4	...	...
‡	20·076	−49·081	1·20	43. 308	9·4
...	21·316	+57·193	−5	...	...
...	21·554	−23·796	−5	*m*	...
...	21·773	− 4·178	−3	*b*	...
131					
...	+21·928	+24·524	−4	*m*	...
...	21·998	−31·752	−1	...	...
*	22·070	−31·871	1·05	43. 309	9·8
...	22·685	− 2·634	−5	*m*	...
*	23·029	+57·415	1·30	42. 278	9·8
...	+23·893	−55·763	−3	*a*	...
...	24·253	−11·370	−5	*m*	...
...	24·326	+45·394	−4	..	...
...	24·847	+14·684	−4	*m*	...
*	25·401	−39·666	1·00	...	...
141					
...	+25·823	−14·880	−3	*b*	...
...	25·858	−12·069	−3	.	...
*	26·413	− 7·410	1·05	...	...
...	26·647	−17·387	−1	...	...
...	27·125	+18·437	−2	...	...
...	+27·311	−28·504	−5	*m*	..
...	27·632	−47·234	−5	*m*	...
S *	27·899	−46·151	1·33	43. 310	9·2
...	28·331	+19·207	−3	...	...
...	29·079	− 8·157	−4	*m*	...
151					
...	+30·154	+21·504	−5	...	...
...	30·998	− 8·017	−3	...	...
...	31·455	−41·159	−5	*m*	...
...	31·499	+22·119	−2	...	...
*	32·955	−34·204	1·00	43. 311	9·8
...	+33·963	−43·789	−3	...	...
...	33·999	−50·190	−4	*m*	...
...	35·498	+37·902	−5	...	...
S *	36·533	+ 1·053	1·30	43. 312	9·2
*	36·992	+46·012	1·65	42. 279	8·7
161					
...	+37·245	+35·531	−3	...	...
...	37·503	−43·561	−3	..	...
...	38·135	− 8·401	−4	*m*	...
...	38·242	− 48·793	0·80	...	...
...	39·493	+51·707	−5	...	...
...	+40·326	−46·054	−3	*b*	...
...	40·835	+28·488	−1	...	..
...	41·516	+29·788	−4	...	..
S *	43·506	+49·190	2·15	42. 280	8·7
...	43·506	−21·587	−4	*m*	...
171					
*	+44·095	−52·524	1·80	43. 313	9·2
...	45·881	−16·777	0·80	...	...
...	46·194	−53·087	−5	*m*	...
...	46·253	+18·896	−5	...	...
...	46·594	−31·855	−2	...	.
...	+46·779	+ 7·170	−3	...	...
...	47·685	−10·524	−4	*m*	...
...	48·896	+11·593	0·75	...	...
...	49·259	+23·566	−3	...	...
...	49·413	+ 7·655	−5	*m*	...

S measured from 1.
CH ,, .. 86.

Images of brighter stars considerably elongated.
56, 57, 44 '18, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −z.	C.P.D. No.	C.P.D. Mag.
181-190					
181					
S *	+49·497	−35·055	1·30	43. 314	9·5
...	49·597	−56·411	− 3	...	...
...	49·876	−41·990	− 5	e	...
...	50·133	− 2·564	− 4	e	...
*	50·327	−57·631	1·40	44. 320	9·6
.	+51·892	+51·650	− 4	...	...
...	52·905	− 1·202	0·70	...	...
...	52·948	+14·313	− 3	...	...
...	53·397	− 3·488	− 3	e	...
...	55·804	−38·374	− 4	e	...
191-195					
191					
S *	+56·585	−25·111	1·33	43. 315	9·8
...	56·980	−39·860	− 4	e	...
...	57·092	+58·172	− 5	...	...
...	57·566	+40·138	− 3	...	...
...	58·351	−16·493	− 2	...	...

1-40					
1					
...	−59·526	− 2·705	− 4	E	...
...	59·397	+51·542	− 5	...	...
S *	59·177	−35·211	1·45	43. 314	9·5
...	58·594	−42·112	− 5	E	...
...	58·446	−56·534	− 2	...	...
*	−57·670	−57·745	1·55	44. 320	9·6
...	57·225	+14·249	0·65	...	...
*	56·807	− 1·266	1·00	...	...
...	56·239	− 3·533	0·65	E	...
...	56·237	+48·631	− 5	...	...
11					
...	−54·394	+58·232	− 5	...	...
...	53·419	−27·231	− 5	M	...
†	53·355	+40·202	− 1	...	...
...	52·797	−38·329	− 1	E	...
...	52·534	−22·256	− 4	M	...
S *	−52·381	−25·054	1·28	43. 315	9·8
...	51·767	+51·001	− 5	...	...
...	51·574	−39·792	− 2	E	...
..	50·897	−16·390	0·75	...	...
...	50·365	+46·116	− 5	...	...
21					
†	−46·114	−50·755	− 5	M	...
...	46·064	+ 4·863	− 5	M	...
...	45·783	−56·923	− 5	M	...
...	45·703	+38·741	− 3	...	...
*	45·264	− 5·776	1·15	...	...
†	−44·897	−18·943	− 3	B	...
...	44·506	+39·776	0·90	...	...
...	44·213	−26·353	− 1	...	...
...	43·849	+30·631	0·80	...	...
*	43·614	−17·241	1·25	43. 316	9·8
31					
..	−43·355	+33·416	− 5	...	...
..	43·325	−12·484	− 4	M	...
...	42·988	−14·048	− 4	M	...
...	42·118	−33·672	− 4	M	...
*	40·563	+22·456	1·00	...	...
...	−39·659	+ 4·635	− 1	...	...
...	38·710	−12·692	− 5	M	...
...	37·740	−21·014	− 5	M	...
...	37·696	+42·754	0·80	...	...
...	36·587	+20·852	− 3	...	...
41-80					
41					
...	−36·570	+23·878	0·90	...	...
...	35·452	+ 3·934	− 4	M	...
...	34·808	−18·619	0·80	...	...
...	34·641	−22·065	0·80	...	...
...	33·655	−53·092	− 5	M	...
...	−33·099	− 8·273	− 5	M	...
*	32·970	− 0·672	1·00	...	...
*	32·951	+18·858	1·00	...	...
...	32·889	+42·475	− 2	...	...
...	32·331	+29·724	0·70	...	...
51					
*	−32·078	−27·405	1·00	43. 317	9·8
‡	31·734	+20·241	1·00	...	...
...	31·638	− 2·615	− 4	M	...
*	30·679	+46·612	1·25	42. 282	9·8
...	30·266	−25·815	− 4	M	...
...	−30·188	+37·938	− 2	...	...
...	29·485	+ 8·929	− 4	M	...
...	28·665	+ 8·515	− 1	...	...
...	28·014	+30·763	− 5	M	..
...	27·442	− 3·778	0·65	B	...
61					
...	−27·011	+42·983	− 2	...	...
...	26·360	− 7·318	− 4	M	...
...	26·294	+47·035	− 3	...	...
*	25·675	+43·950	1·15	...	...
*	25·349	+19·107	1·10	...	...
...	−25·263	−54·399	0·75	...	...
...	24·418	−40·677	− 2	B	...
...	23·969	+27·450	− 2	...	...
...	23·933	+ 0·695	0·80	...	...
*	23·666	−11·406	1·20	...	...
71					
S *	−23·265	+54·638	1·68	42. 283	9·0
...	22·085	+25·612	− 1	...	..
*	21·753	+46·368	1·00	...	...
*	20·668	−56·024	0·95	...	...
*	20·599	−33·465	1·40	43. 318	9·0
*	−20·401	+16·463	1·10	...	...
...	18·929	−26·550	− 3	M	...
*	18·901	−31·545	1·20	43. 319	9·6
...	17·836	+35·651	0·85	...	...
...	17·268	−56·870	− 2	B	...
81-120					
81					
...	−17·111	−57·347	− 3	M	...
...	16·884	−47·538	− 2	B	...
...	16·680	+36·476	− 4	...	...
*	16·568	−14·989	1·50	43. 320	9·1
...	15·605	−12·827	− 5	M	...
...	−15·399	−39·158	− 5	M	..
...	14·467	+32·921	− 3	A	...
...	14·432	+15·804	0·70	...	...
...	13·485	+30·891	− 2	...	...
...	13·337	+41·467	− 4	...	.
91					
...	−11·726	+47·846	− 4	...	...
...	10·731	−47·608	− 5	M	...
S *	10·488	−45·008	1·75	43. 321	9·0
...	10·424	+30·070	0·75	...	...
*	8·977	−51·237	1·20	43. 322	9·8
...	− 8·314	−53·157	− 1	...	...
...	8·183	−41·095	0·70	...	...
...	7·444	+53·415	− 5	...	...
*	6·960	−58·817	1·30	44. 329	9·8
...	5·837	− 7·565	0·65	B	...
101					
S *	− 5·458	+ 6·127	1·58	42. 284	8·7
*	4·106	−16·317	1·35	43. 323	9·4
*	4·037	−32·369	1·20	43. 324	9·4
*	3·377	−40·341	1·05	...	...
...	3·272	−38·009	0·85	...	...
...	− 1·798	−15·852	− 1	B	...
*	1·604	+25·444	1·00	...	...
...	1·452	−48·854	0·85	...	...
...	1·170	+34·851	− 1	...	...
...	− 0·974	−15·226	− 5	M ///	...
111					
†	+ 0·327	+ 5·275	0·65	...	...
...	0·734	−48·406	0·80	...	...
...	0·971	− 8·054	0·70	M	...
*	1·359	−51·725	1·00	...	...
...	2·126	−46·502	− 5	M	...
...	+ 3·115	+29·352	− 3	...	...
...	3·228	+50·946	− 3	...	...
...	3·545	+32·538	− 5	M ///	...
...	4·438	−27·862	0·70	M	...
*	4·635	−20·995	1·10	43. 325	9·6

H measured from 1, 36, 77, 111, 190, 211.
E ,, ,, 21, 57, 95, 135, 195, 237.

121–170

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
121					
...	+ 4′701	+37′621	− 5	.	
...	5·038	+22·872	0·70	...	...
..	5·420	+24·234	− 4	*m*	...
*	6·563	+47·453	0·95	...	...
	6·664	−53·083	0·65	...	
.	+ 7·935	+27·909	− 4	*m*	.
...	8·110	+28·253	− 4	*m*	..
...	8·348	−12·855	0·95	..	
*	8·407	+43·669	1·05	...	
...	8·524	+58·807	0·90	..	..
131					
...	+ 8·720	+ 7·748	− 4	...	.
	8·776	−41·757	− 4	...	
	8·887	+49·706	− 3	...	...
...	9·791	− 0·838	− 4	*m*	..
...	10·165	+35·963	− 3	...	..
...	+10·401	+16·631	− 4	*m*	...
...	10·526	+22·795	− 3	...	..
..	10·929	+34·257	0·65	...	
*	10·996	+10·615	1·00	...	..
*	11·227	−21·428	1·20	43. 326	9·4
141					
*	+12·294	−39·396	1·00	.	...
...	12·442	+49·238	− 5	..	...
	12·796	+13·346	− 5	*m*	.
*	12·923	− 1·080	1·05	...	...
	13·237	+32·899	0·70	...	...
	+13·405	+52·824	− 3	...	...
+	13·679	−14·806	1·15	43. 327	9·8
	13·966	+14·033	− 4	*m*	.
.	14·329	−26·681	− 4	...	
.	14·465	−21·999	− 1	.	
151					
†	+14·903	−57·744	0·65	..	...
...	14·987	+54·363	0·65	...	...
..	15·088	+14·609	− 4	*m*	..
	15·311	−18·701	− 1	..	..
...	15·746	+ 2·948	0·65	...	
...	+16·772	+13·852	− 3	*a*	
...	17·195	− 8·466	− 5	*m*	.
S *	18·043	+23·414	1·80	42. 285	8·7
..	18·668	− 3·584	0·90	...	...
...	20·055	+42·526	− 5	...	..
161					
*	+20·486	−45·374	1·00	...	.
...	20·492	+59·766	− 2	...	...
	20·617	+44·466	0·90	...	...
...	20·857	−13·408	0·70	...	...
†	21·185	+45·098	− 5	*m*	...
S *	+21·768	+41·034	1·85	42. 286	8·6
...	22·164	+49·960	− 5	...	...
...	22·596	+52·839	− 2	...	...
*	22·874	−56·635	1·30	44. 336	9·8
...	23·222	+37·570	− 4	...	...

171–220

Notes.	Co-ordinates. ι.	Co-ordinates. η.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
171					
...	+23′459	−45′272	0·80	...	...
*	23·487	− 5·723	1·20	43. 328	9·6
..	23·539	+25·645	− 5	...	...
*	23·767	−13·029	1·75	43. 329	8·6
...	24·019	+46·319	0·90	...	..
	+24·564	− 6·187	− 4	...	..
	24·887	+ 3·205	1·00	...	...
†	24·926	−19·416	− 2	...	...
.	25·467	−55·109	0·85	...	...
...	25·557	+10·924	− 5	*m*	..
181					
*	+25·578	−27·739	1·00	...	..
...	25·643	+12·981	0·75	...	...
*	26·381	− 9·182	1·05	...	...
+	26·713	−29·568	1·85	43. 330	8·4
S +	27·138	−13·891	1·73	43. 331	8·7
...	+27·459	+11·010	− 4	*m*	...
...	28·480	−25·137	− 5	*m*	...
*	28·495	− 5·262	1·00	...	...
...	28·696	+11·591	− 5	*m*	..
*	29·349	− 1·761	1·20	43. 332	9·4
191					
...	+29·388	−12·367	− 4	..	...
..	29·414	+ 8·450	0·80	...	..
..	29·474	+43·331	− 4	...	...
...	29·705	−41·884	− 3	...	
.	29·995	+ 9·371	− 3	...	..
..	+30·146	−34·864	− 3	...	...
*	30·961	−13·704	1·05	..	..
...	31·428	−45·786	− 5	..	..
..	31·935	−35·930	− 5	..	..
..	33·187	−43·242	− 1	...	..
201					
..	+33·399	+38·446	− 5	...	...
*	34·410	−52·837	1·20	...	...
...	35·013	−51·158	− 3	...	...
..	35·156	−17·713	− 1	..	...
*	36·002	− 1·075	1·00	...	...
.	+36·709	−24·158	0·90	...	.
...	37·085	−44·811	− 2	...	..
‡	37·841	+ 5·261	1·15	43. 333	10·0
...	39·512	−18·306	0·85	...	...
...	39·624	−50·357	− 1	..	..
211					
.	+40·682	−17·965	− 1	...	...
...	41·499	−17·277	− 2	...	
...	41·972	− 1·930	− 5	*m*	...
...	42·359	−28·802	− 5	...	...
*	42·561	+ 0·725	1·00	...	...
...	+43·037	−40·014	− 4	...	...
*	43·531	−15·659	1·15	43. 334	9·6
*	43·763	+ 7·222	1·10	42. 287	9·4
*	44·211	−30·642	1·00	...	...
†	44·918	+30·357	− 5	*m*	...

221–257

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
221					
†	+45′042	−49′577	− 3	...	...
...	45·945	−13·258	− 3	...	...
...	46·013	−41·746	− 5	...	...
...	46·169	+37·832	− 5	*m*	...
*	46·618	+11·264	1·25	42. 288	9·4
*	+46·884	−22·633	1·65	43. 335	9·1
.	46·931	−27·680	0·75	...	...
...	46·996	+32·294	− 5	...	...
S *	47·280	−36·900	1·80	43. 336	8·9
...	47·281	−19·874	− 1	...	...
231					
S *	+47·693	+14·730	2·68	42. 289	7·7
...	47·917	+ 6·922	0·65	...	...
..	47·944	−25·887	0·65	...	...
...	48·049	−38·613	− 5	..	...
...	48·538	−11·747	− 5	...	...
†	+48·718	+40·267	− 1		...
..	50·136	−14·493	− 3	...	...
..	50·459	−14·289	− 2	...	...
..	50·999	−52·305	− 5	..	..
...	52·673	−51·339	0·85	...	...
241					
...	+52·766	−50·616	− 5	..	...
*	52·823	−44·747	2·30	43. 337	8·6
...	52·830	−58·114	− 4	...	...
...	53·002	+17·551	0·90	..	...
...	53·365	+12·972	0·85	...	...
	+54·095	+16·562	0·75	...	...
..	54·308	− 4·418	0·65	...	...
...	54·349	+46·184	0·65	.	...
..	55·092	+18·831	0·85	..	...
...	55·647	− 9·927	0·95	..	...
251					
..	+56·315	+ 0·921	− 5	*m*	...
...	56·952	−45·383	− 3	...	...
...	57·801	+47·769	− 5	...	...
...	58·290	+16·256	− 5	...	...
*	58·317	− 6·906	1·10	..	...
...	+58·503	−53·537	0·75	...	..
...	59·313	−52·561	− 4	...	...

1-60

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1					
...	−57·252	+17·487	−2	...	...
...	56·771	+12·919	−3	.	.
...	56·759	+46·121	−2	.	.
...	56·138	+16·533	−4	...	..
*	55·560	−44·784	2·00	43. 337	8·6
...	−55·520	−51·420	−3	.	...
†	55·297	− 4·134	−4	...	...
...	55·194	+18·818	−3	.	
.	55·180	−58·146	−5	.	.
...	53·788	− 9·901	0·80	.	..
11					
..	−53·373	+47·819	−5	.	.
..	51·431	−45·319	−5	.	.
*	51·209	− 6·790	1·15	.	...
*	49·730	− 1·791	1·10	.	
..	49·636	−53·399	−3		
	−46·314	−28·723	−4	.	...
	46·094	−31·238	1·05	.	...
S *	45·618	− 2·990	1·75	43. 339	8·3
*	45·557	− 7·715	1·30	43. 338	9·1
...	45·494	+30·198	−4	.	...
21					
...	−43·179	+53·329	−5	.	..
...	42·637	+ 5·718	−1	.	.
.	41·337	−53·070	−5	..	...
.	40·427	−27·315	0·90	...	...
*	40·327	+ 1·631	1·15	43. 340	9·8
...	−40·155	−43·755	−5	...	...
...	39·193	+16·382	−5	..	...
...	39·135	+ 8·951	0·70	...	...
.	39·132	+54·487	0·90	42. 290	10·0
*	35·895	− 5·163	1·40	43. 341	9·0
31					
...	−35·379	+ 1·766	0·85	...	...
...	35·080	+34·054	−4	A	...
...	33·541	−34·042	−5	...	...
...	32·569	+15·237	−4	...	...
...	32·511	+15·719	−3	...	...
*	−32·447	−25·438	1·05	43. 342	9·8
†	32·383	−54·208	−3	...	...
..	32·102	+39·856	−4	...	...
*	32·021	− 7·700	1·25	43. 343	9·6
S *	31·753	−39·449	1·83	43. 344	8·4
41					
..	−31·527	− 6·274	−5	...	...
...	30·681	+ 9·196	0·90	..	...
*	30·199	−16·872	1·15	43. 345	9·8
S *	29·629	+23·621	1·40	42. 291	8·7
*	28·136	+53·807	1·10	42. 292	10·0
*	−27·639	+32·316	1·00	...	...
...	27·199	+21·593	0·80	...	...
*	27·156	−37·417	1·20	43. 346	9·8
...	26·615	+31·532	−5	...	...
...	25·112	−39·667	−5	...	...
51					
...	−25·016	+22·068	−4	...	...
*	24·029	−22·667	1·10	...	...
*	23·773	+23·296	1·15	42. 293	9·4
...	23·478	−23·733	−5	...	...
*	21·589	− 8·047	1·30	43. 347	9·1
...	−20·829	+ 3·774	−4	...	...
...	20·559	+11·260	−4	...	...
...	20·382	+ 9·735	−3	...	...
S *	20·142	+ 6·279	1·73	42. 294	8·7
†	18·867	+28·709	−3	...	...

61-120

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
61					
...	−18·457	−54·409	−2	...	...
*	18·392	−14·150	1·15	43. 348	9·8
	18·145	+40·951	−2	..	..
*	17·510	−34·520	1·20	43. 349	9·6
*	16·820	+50·381	1·05	42. 295	9·6
...	−16·070	+15·383	−4	...	..
*	16·030	+14·190	1·25	42. 296	9·2
*	15·852	−19·174	1·15	43. 350	9·8
	15·099	+38·394	−5	...	.
...	14·019	+17·588	−3	.	
71					
.	−13·714	+40·087	−5		...
	13·565	−50·864	−3	..	.
...	13·510	+19·574	0·70	..	..
S *	13·106	−46·448	1·50	43. 351	8·4
...	12·793	+36·486	−4	..	...
...	−11·856	+48·109	−5		
*	8·472	+14·955	1·00	...	...
.	7·887	+ 4·109	−2	.	.
.	7·489	−45·568	−5		...
.	6·398	−40·079	−5	...	.
81					
*	− 6·142	−28·867	1·05	43. 352	9·8
.	5·146	−52·547	−4	...	...
	1·832	+47·471	−2	...	..
S *	1·729	+21·687	1·68	42. 298	8·7
...	0·419	+24·664	−5	M *m*	...
...	− 0·378	+37·810	−5	M *m*	.
	+ 0·358	−58·299	−3	...	
	0·361	−39·713	−5	*m*	.
*	0·440	+25·789	1·00	...	...
*	1·014	− 0·375	2·30	43. 353	8·0
91					
*	+ 1·270	+52·434	1·25	42. 300	9·2
..	3·096	+41·154	0·65	.	.
	3·896	−49·937	−4	...	...
...	4·778	+41·769	0·75	...	...
*	5·158	+29·646	1·10	42. 301	10·0
	+ 5·727	+ 6·285	−4	...	.
.	5·791	−49·601	−5		
...	5·794	+40·693	−2	..	.
...	5·925	+ 3·474	0·75	.	...
...	6·475	−33·147	−4	...	...
101					
...	+ 7·015	+32·411	−3	.	...
..	8·226	− 0·976	−3	.	...
...	8·805	+15·305	−5	...	..
...	10·078	+50·334	−5	..	...
S *	10·170	−27·153	5·48	43. 354	5·6
*	+10·510	+ 3·951	2·40	43. 355	8·0
α	11·030	+ 0·163	1·15	43. 356	9·4
...	12·121	+50·369	−1	...	...
*	12·559	− 1·333	1·00	...	.
...	13·082	+24·953	−3	..	
111					
...	+13·154	+13·826	0·70	...	...
...	13·413	+ 0·736	−5	*m*	...
...	14·503	+33·403	−2	...	..
...	15·079	−52·152	−5	...	...
...	15·266	−15·731	−4	*m*	...
...	+15·375	+ 4·474	−1	...	.
...	16·598	−53·549	−3	...	...
...	16·950	+27·132	−5	...	...
S *	18·091	+55·619	1·23	42. 302	9·4
*	18·492	−23·917	1·00	...	..

121-180

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
121					
.	+19·218	+17·526	−4	...	...
*	19·358	−40·766	1·10	...	...
.	20·005	+ 1·015	0·90	...	..
...	20·402	−17·205	−4	...	..
...	20·643	−43·184	−5	*m*	..
	+23·223	+ 6·394	−4	*a*	...
*	23·821	+46·633	1·15	42. 303	9·6
.	26·599	+46·868	−4	...	.
..	27·518	+30·893	−3	...	...
.	27·953	−13·851	−3	...	...
131					
...	+28·840	− 2·987	−5	*m*	
.	29·537	−41·890	−4	...	...
..	29·601	+ 5·103	−4	...	...
...	30·327	+ 0·311	−4	*m*	...
.	30·387	+14·866	−5	...	...
*	+30·865	+19·948	1·00	...	...
	31·155	−21·170	1·00	...	...
.	31·414	+51·245	−4	...	...
*	31·589	−27·575	1·00	.	...
..	32·228	−30·327	−5	*m*	..
141					
..	+32·668	− 7·783	0·65	...	...
...	33·050	−44·993	−4	...	...
	33·408	−43·795	−5	*m*	...
	33·420	−12·136	−1	...	.
.	33·858	+55·416	−5	...	.
...	+34·001	+36·664	−5	...	...
..	35·323	−21·794	−5	*m*	..
...	35·433	+35·131	−5	...	.
	35·590	+21·903	−1	...	...
..	37·529	+44·303	0·75	...	..
151					
*	+37·637	+22·642	1·00	...	...
...	38·073	+57·452	0·80	...	...
...	38·206	− 5·852	−5	*m*	...
...	38·621	+13·150	0·80	...	...
..	39·457	+ 3·254	−2	...	..
.	+39·994	+21·871	0·75	...	...
.	40·311	+46·282	−5	...	..
	41·843	− 7·563	0·80	...	..
S *	42·353	−53·262	1·25	43. 357	9·6
...	42·652	− 6·695	0·80	...	...
161					
...	+42·855	+53·678	−4	...	...
...	43·428	− 2·075	0·65	...	...
S *	43·814	+22·456	1·28	42. 304	9·2
*	44·147	+ 2·477	1·10	43. 358	9·8
.	44·378	−21·631	−5	*m*	...
..	+44·959	+53·888	−5	...	...
S *	46·511	−42·183	1·25	43. 359	9·6
*	47·471	+50·288	1·15	42. 305	9·6
	48·161	+20·345	−1	...	...
...	48·351	−55·013	−5	.	...
171					
*	+49·634	−54·865	1·10	44. 355	9·8
*	49·733	−41·010	1·25	43. 360	9·6
...	50·456	− 3·175	0·90	...	...
	50·624	−46·687	0·90	...	...
..	51·204	+47·845	−4	...	
..	+51·683	+ 0·060	−4	*β*	...
...	53·193	−18·215	−3	...	.
...	53·989	+20·185	0·80	...	
...	54·642	+14·107	−4	...	...
*	56·916	+14·630	1·10	42. 307	9·8

S measured from 1, 21, 61, 91, 129, 158.
E ,, ,, 11, 45, 77, 103, 137, 175.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
		181–187			
181					
S *	+56·928	+52·530	1·85	42. 306	8·6
...	57·285	+5 05·	− 5	...	...
...	57·443	− 2·413	− 5	*e*	...
...	58·548	−43·736	− 3	...	...
..	58·659	−43·503	− 5	*e*	...
...	+58·894	+ 7·658	0·75	...	...
...	59·180	− 3·984	− 5	*e*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
		1–40			
1					
..	−59·710	−55·156	− 5	...	...
...	59·165	− 3·302	0·85	...	...
*	58·778	−41·139	1·35	43. 360	9·6
...	58·461	−54·998	0·85	44. 355	9·8
...	58·055	− 0·045	− 5	M	...
..	−57·690	−46·779	0·85	...	...
†	56·362	+20·167	− 3	...	...
...	55·991	−18·249	− 3	...	...
..	55·490	+14·116	− 5	...	...
S *	54·360	+52·561	2·05	42. 306	8·6
11					
...	−54·132	+57·110	− 5	...	...
*	53·242	+14·684	1·20	42. 307	9·8
...	52·231	− 2·325	− 4	E	...
...	51·061	+ 7·776	− 1	...	...
†	49·8 7	−13·582	− 2	...	...
...	−49·767	−43·336	− 5	E	...
...	49·519	− 3·811	− 5	E	...
...	48·517	−14·107	− 5	M	...
...	45·933	−28·091	− 5	M	...
S *	45·652	+12·929	1·15	42. 308	9·6
21					
...	−45·513	+48·420	− 2	...	...
...	43·732	+ 6·581	0·70	...	...
.	43·288	−47·232	0·75	...	...
...	43·001	+ 2·768	0·80	...	...
...	42·663	− 2·686	− 5	M	..
...	−41·511	+30·016	− 5	...	...
...	41·394	+21·026	− 3	...	...
...	40·816	+21·521	− 3	...	...
...	40·503	−11·999	− 3	...	...
...	40·503	+40·344	− 3	...	...
31					
...	−39·001	−34·799	− 3	...	...
S *	38·910	−34·352	1·25	43. 361	9·0
...	38·338	− 8·789	− 3	B	...
	37·895	−42·121	0·70	...	...
...	36·879	+51·848	1·00	42. 309	10·0
...	−36·276	−53·325	− 1	...	...
...	35·511	+ 7·762	− 3	...	...
*	34·789	− 6·073	1·10	43. 362	9·8
...	34·760	− 4·584	0·70	...	...
...	34·284	− 9·086	− 2	...	...
		41–80			
41					
...	−33·494	+37·469	− 1	...	...
...	33·025	−17·678	− 5	M	...
...	32·048	−30·575	− 5	M	...
...	31·781	−35·401	0·75	...	...
...	31·508	−20·168	− 3	...	...
...	−31·408	+20·480	− 4	...	...
...	30·814	+25·299	− 5	...	...
†	29·890	+40·146	1·15	42. 310	10·0
...	29·879	+30·653	− 5	...	...
*	29·189	−20·155	2·00	43. 363	8·6
51					
...	−29·148	−37·855	0·80	...	...
...	28·089	+11·862	0·70	...	...
*	28·060	+41·405	1·15	42. 311	9·7
...	27·305	+ 0·782	− 4	...	...
...	26·685	−12 29·	0·85	...	...
..	−25·651	−22·823	− 5	M	...
...	25·586	−30·008	− 5	M	...
...	25·448	−48·213	− 4	...	...
S *	23·414	−11·308	2·43	43. 364	7·8
S *	23·194	+30·895	1·18	42. 313	9·7
61					
...	−21·716	+58·720	0·75	...	...
...	20·948	−15·478	− 4	A	...
S *	20·485	−57·769	2·00	44. 361	8·6
...	19·242	+38·250	− 5	...	...
...	19·215	+36·514	− 5	...	...
...	−18·459	+36·317	− 4	...	...
...	16·977	+53·931	− 4	...	...
...	16·797	−25·524	0·70	...	...
...	16·498	−38·069	− 5	M	...
...	16·350	+28·947	− 4	...	...
71					
...	−16·119	+24·715	− 2	...	...
...	16·039	−20·160	− 5	M	...
...	15·260	−56·601	− 2	...	...
...	14·988	+58·984	− 1	...	...
...	14·926	+57·062	− 3	...	...
...	−13·842	+13·960	− 5	...	...
...	12·893	−34·308	0·90	...	...
..	12·587	+ 3·530	− 1	...	...
...	12·125	+48·441	− 4	...	...
...	11·177	−41·533	− 5	M	...
		81–120			
81					
...	−10·732	+ 5·161	− 5	M	...
†	10·095	− 5·222	0·85	...	...
*	8·873	−12·075	1·10	...	...
...	8·565	−44·439	− 2	...	...
...	6·846	+56·366	− 5	...	...
...	− 5·591	+37·847	− 5	...	...
...	5·539	−32·142	− 5	M	...
...	4·936	+11·785	− 2	...	...
...	4·878	−18·733	0·70	...	...
...	4·607	−35·419	− 1	...	...
91					
...	− 3·995	− 9·233	− 2	*m*	...
...	2·657	+27·330	− 4	*m*	...
...	2·001	−48·240	− 3	...	...
...	1·678	−48·009	− 4	...	...
†	− 0·027	−13·190	− 1	*m*	...
...	+ 1·113	+31·143	− 1	*m*	...
...	2·126	−46·248	− 2	M	..
...	2·798	+37·755	− 3	*m*	...
*	5·033	+23·818	1·10	42. 316	9·6
...	5·412	−47·954	− 1	...	...
101					
...	+ 5·645	−40·265	− 3	...	...
...	6·054	−36·813	− 5	*m*	...
...	7·796	−32·964	0·80	...	...
...	8·216	−49·912	− 4	...	...
...	8·349	−46·695	− 3	...	...
S *	+ 8·823	−10·871	1·25	43. 365	9·4
*	9·350	+11·741	1·10	...	...
...	9·381	−26·420	− 3	...	...
...	9·703	+19·776	− 5	*m*	...
S *	10·308	+11·269	2·98	42. 318	7·7
111					
...	+10·575	−22·555	0·70	...	...
†	11·309	+50·167	− 3	...	...
...	11·386	−12·530	− 5	*m*	...
†	12·437	+50·176	0·75	42. 319	10·0
...	12·723	−13·897	− 2	...	...
...	+12·849	−57·547	− 5	...	...
...	13·512	−44·306	0·85	...	...
...	13·741	+48·716	− 5	*m*	...
...	14·229	+35·513	0·90	...	...
...	14·276	−11·684	− 5	*m*	...

S measured from 1, 48, 130.
H .. ,, 15, 95, 160.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
121–150					
121					
...	+14·351	+50·722	0·95	42. 320	10·0
†	14·751	+28·668	− 3	...	...
*	15·713	+ 1·358	4·70	43. 366	6·4
...	15·873	− 2·568	0·85	...	...
*	16·848	+24·760	1·30	42. 322	9·4
S ‡	+16·954	+50·151	1·10	42. 321	10·0
...	17·034	−26·907	− 2	...	...
*	17·155	+19·303	1·25	42. 323	9·7
...	19·271	+ 5·179	− 2	...	...
...	19·933	+ 8·900	− 5	*m*	...
131					
...	+21·129	−45·581	0·90	...	...
..	22·253	−43·467	− 5	*m*	...
...	22·325	−46·353	− 4	...	...
*	23·528	+ 8·136	1·50	42. 326	8·8
...	24·032	−34·213	− 5	*m*	...
*	+24·603	−27·303	1·10	43. 367	9·6
...	24·761	+ 5·438	− 4	*m*	...
...	25·700	+ 6·272	− 4	..	...
...	25·812	+38·810	− 2	...	...
...	27·587	+ 2·272	− 3	...	...
141					
...	+27·994	−48·810	− 5	*m*	...
...	30·230	+ 6·261	− 4	...	...
...	30·304	+47·865	− 5	...	...
...	30·450	+ 6·541	− 2	...	...
...	30·698	+53·967	− 3	...	...
...	+30·713	+26·161	− 5	*m*	...
...	30·952	+39·515	− 5	...	...
*	31·638	−17·606	1·25	43. 368	9·2
..	32·022	−16·172	0·80	...	...
...	33·143	+ 0·913	− 5	*m*	...
151–180					
151					
..	+33·181	+38·726	0·75	..	..
..	33·218	−16·679	− 4	*m*	...
...	33·597	+49·495	− 3	...	...
†	34·693	+42·527	− 2	.	...
...	35·176	−47·090	− 3	...	.
..	+36·779	+ 0·807	− 3	*m*	...
...	37·492	+43·231	0·75	..	...
...	38·739	+41·041	− 4	...	..
...	39·316	−18·665	− 5	*m*	...
...	40·376	+25·352	0·65	...	...
161					
S *	+41·185	−15·633	1·30	43. 369	9·1
...	41·587	− 2·848	0·70	...	...
...	42·756	+48·191	− 3	...	...
...	42·951	+48·119	− 2	...	...
...	43·234	−28·974	− 4	*m*	...
*	+43·355	+25·611	1·10	42. 327	9·6
...	43·631	−11·487	− 2	..	...
...	43·799	− 7·560	− 4	*m*	..
...	44·358	+ 0·915	− 3	...	...
..	44·675	−43·314	− 5	*m*	...
171					
...	+45·510	−52·963	− 5	*m*	...
*	45·760	+ 9·287	1·15	42. 328	9·7
...	47·198	−50·428	− 2	...	...
...	47·778	−27·331	− 5	*m*	...
...	47·959	− 3·896	− 5	*m*	...
...	+48·164	+49·755	− 5	*m*	...
...	48·238	+ 0·141	− 3	...	...
S *	48·573	+18·898	1·60	42. 329	8·8
...	48·586	− 10·612	0·85	...	...
...	49·406	− 1·379	− 1	...	...
181–194					
181					
...	+50·915	− 7·083	− 5	°	...
...	55·043	−25·413	− 4	...	...
...	55·535	−19·501	− 4	...	...
.	56·480	−35·302	0·90	43. 370	9·9
...	56·573	− 2·483	− 5	*e*	...
...	+58·289	+ 5·455	− 5	...	.
...	58·306	+10·143	0·80	..	
	58·330	+51·264	− 5	...	..
...	58·510	−29·326	− 5	*e*	..
...	58·622	−11·355	− 2	.	.
191					
*	+58·902	−32·733	1·40	43. 371	9·3
*	59·133	+16·577	1·20	42. 330	9·4
S ‡	59·317	+30·322	1·23	42. 331	9·0
...	59·375	−36·055	− 1	..	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–20					
1					
...	−58·590	− 7·192	− 5	E	...
...	53·901	−25·392	− 4	...	..
...	53·971	− 2·441	− 5	E	...
..	52·916	+51·369	− 4	...	...
‡	52·167	−35·238	1·10	43. 370	9·9
...	−51·716	+10·244	0·85	...	..
...	51·589	+ 5·531	− 4	..	...
S *	51·309	+30·431	1·35	42. 331	9·0
*	51·072	+16·695	1·30	42. 330	9·4
...	50·347	−29·209	− 5	E	...
11					
†	−49·846	−41·233	− 3	...	...
S ‡	49·834	−32·592	1·40	43. 371	9·3
...	49·278	−35·405	− 1	...	...
...	48·883	+33·528	0·70	...	...
*	48·792	+17·972	1·10	42. 332	10·0
...	−48·616	+55·794	− 2	...	...
...	48·065	−42·020	− 3	...	...
...	48·050	+15·597	− 4	...	...
...	47·646	−12·822	− 2	...	...
..	47·311	−21·239	− 4	...	...
21–40					
21					
‡	−46·740	−20·294	1·05	.	...
...	46·255	+40·137	− 2	...	...
...	46·145	−58·075	− 5	M	...
...	46·081	− 6·129	0·70	..	...
..	45·870	+43·698	− 3	...	...
...	−45·355	− 3·468	− 2	...	...
...	45·192	−50·708	− 5	M	...
...	44·891	− 0·080	− 2	γ	...
...	44·672	−17·743	− 4	M	...
...	43·341	+30·887	− 3	...	..
31					
...	−43·050	+42·809	− 2	...	...
...	41·915	+10·365	− 3	...	...
...	41·795	−23·773	− 3	B	...
...	41·297	−10·075	0·80	...	...
...	40·754	+15·400	− 5	M	...
...	−40·710	+30·505	− 3	..	...
...	37·526	+42·294	− 5	M	...
...	36·532	+30·685	− 3	...	...
...	36·091	−23·478	− 5	M	...
...	35·765	−58·516	− 5	M	...
41–60					
41					
...	−34·217	−19·115	− 2	...	..
*	33·919	+29·256	1·25	42. 333	9·7
...	33·119	−58·694	− 4	M	...
S *	32·960	−49·209	1·15	...	..
...	32·137	+59·431	− 3		..
...	−28·468	+52·970	− 2	.	...
...	28·467	− 7·529	− 3	...	...
...	28·271	−52·615	− 3	...	..
*	27·835	−29·621	1·05	43. 372	9·9
‡	27·175	+54·692	1·25	42. 334	9·5
51					
...	−26·761	+22·193	0·85	.	...
...	25·418	−11·247	− 3	B	.
†	25·113	+18·100	− 2	..	...
..	24·402	−55·173	− 3	A	
...	24·393	−36·914	− 2	C	.
...	−24·026	−31·969	− 5	M	...
...	23·852	−23·822	− 5	M	..
...	23·843	+ 6·943	− 2	...	...
...	23·655	+22·298	− 3	...	..
...	21·687	−30·745	− 5	M	...

S measured from 1, 64, 134.
SB ,, ,, 37, 105, 179.

61–120

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
61					
*	−21·588	+40·990	1·30	42. 335	9·4
..	20·831	+ 6·326	− 2	...	...
...	20·366	−14·643	0·85	...	...
S *	19·500	+ 53·44	1·30	42. 336	9·4
...	19·31	−56·773	− 5	...	...
...	−19·283	+40·370	− 5	M	...
*	19·020	+ 5·049	1·15	43. 373	9·9
..	18·531	−20·486	− 4	M	...
...	17·580	+52·784	0·75	42. 337	10·0
...	17·51	+ 4·951	− 5	M	...
71					
...	−17·351	+51·723	0·80	42. 338	10·0
..	16·61	−19·589	− 5	M	...
...	15·565	−25·942	− 5	M	...
...	13·419	−33·010	− 5	M	...
...	13·27	−58·58	− 3	..	...
..	−12·905	57·199	− 4	...	...
..	12·423	−35·54	− 5	M	...
..	11·910	+48·244	0·90	...	...
...	11·623	+15·221	− 2	...	...
..	11·263	+21·642	− 3	...	...
81					
S *	−11·044	+12·122	2·50	42. 339	8·2
*	10·850	+51·255	1·15	42. 340	10·0
...	9·837	+39·856	0·80	...	...
..	7·821	+11·265	0·80	...	...
..	6·649	−58·066	− 5	M	...
...	− 6·134	− 2·482	− 2	...	...
...	5·889	−30·280	− 5	M	...
*	5·75	+ 6·705	1·35	42. 341	9·5
*	5·639	+15·665	1·35	42. 342	9·5
*	4·473	+23·660	1·20	42. 343	9·7
91					
*	− 4·362	+ 3·527	1·00	...	...
...	4·231	+41·869	− 5	M	...
...	4·229	+ 2·857	− 5	M *m*	...
...	3·615	+36·237	− 4	...	...
..	3·434	−19·068	− 2	*m*	...
...	− 2·872	−31·741	0·80	...	...
*	2·598	−58·964	1·40	42. 344	8·8
...	1·442	−32·211	− 2	...	...
...	0·901	−42·579	− 4	M *m*	...
...	0·855	−13·321	− 4	M *m*	...
101					
*	− 0·724	−24·267	1·00	...	...
...	0·269	+11·094	− 3	M	...
...	− 0·146	−26·438	− 4	M *m*	...
†	+ 0·004	−49·058	1·00	...	...
...	0·602	+39·552	− 5	M *m*	...
..	+ 0·895	+51·077	− 5	M	...
*	1·337	− 0·279	2·00	43. 374	8·8
S *	1·883	−35·468	1·38	43. 375	9·1
...	2·176	+24·397	0·75	...	...
*	2·459	+55·484	1·00	42. 345	10·0
111					
.	+ 2·464	−39·230	− 4	...	...
†	4·943	− 6·153	− 5	M *m*	.
..	6·[illegible]2	−12·322	− 2	..	..
†	7·[illegible]2	+47·[illegible]05	1·15	42. 346	9·7
...	7·[illegible]92	−23·[illegible]5	− 5	*m*	...
S †	+ 9·303	− 5·[illegible]43	2·35	43. 376	8·2
...	9·486	−24·885	− 4	*m*	...
.	10·[illegible]2	− 0·589	− 5	*m*	...
*	10·928	+15·[illegible]31	1·00	...	...
...	12·130	−38·162	− 2	...	..

121–180

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
121					
†	+12·432	− 0·045	1·10	43. 377	9·8
S *	13·533	− 50·137	2·24	43. 378	8·2
*	14·341	−52·402	1·35	43. 379	9·4
...	14·575	−41·484	− 4	...	...
...	14·794	+46·391	− 1	...	...
..	+15·862	−15·703	− 3	*b*	...
...	16·199	− 50·504	− 4	...	...
*	17·353	−30·312	1·00	...	...
*	17·556	+28·388	1·00	...	...
...	17·892	+42·669	− 4	...	...
131					
...	+19·491	+43·564	0·85	...	...
...	19·688	−19·093	− 5	*m*	...
...	19·859	−45·657	0·70	...	...
...	19·859	+42·770	− 3	...	...
...	20·011	+17·108	− 4	...	...
...	+20·246	−33·132	− 4	*m*	...
...	20·377	15·934	− 4	*m*	...
*	20·721	−12·445	1·10	.	...
*	20·884	−33·818	2·40	43. 380	8·2
*	20·956	+53·572	1·20	42. 347	9·7
141					
...	+21·163	+ 8·903	− 4	...	...
S *	22·059	+19·632	1·20	42. 349	9·5
...	22·775	+40·093	0·90	...	...
...	23·180	−36·786	− 4	...	...
...	23·184	+44·957	0·80	...	...
...	+23·828	+58·496	− 5	...	...
*	23·939	+27·869	1·10	42. 350	9·7
...	24·548	+ 6·574	− 3	...	...
...	25·460	+46·250	− 4	...	...
...	25·532	+53·223	− 4	...	...
151					
*	+26·191	−33·061	2·20	43. 381	8·4
*	26·248	+39·100	1·05	42. 351	10·0
...	26·727	− 0·843	− 5	*m*	...
...	27·024	− 3·243	0·70	...	...
...	27·076	+ 2·906	− 5	...	...
...	+28·754	−41·746	− 5	*m*	...
...	29·116	+26·117	− 3	...	...
...	30·308	+44·752	− 5	...	...
...	31·001	+44·199	− 5	...	...
*	31·202	−57·779	1·25	44. 384	9·8
161					
...	+32·337	+13·219	− 5	*m*	...
S *	32·342	+55·530	3·25	42. 352	7·6
*	32·426	−47·759	1·05	...	...
...	32·488	+52·490	− 4	...	...
*	33·130	− 1·541	1·00	.	...
...	+33·219	−10·050	0·70	...	...
...	33·404	− 3·264	0·70	..	...
...	33·421	+19·409	− 3	...	...
...	36·205	− 8·227	− 3	...	...
*	36·333	−42·048	1·00	...	...
171					
*	+36·957	− 5·234	1·10	43. 382	9·9
...	37·085	+58·181	0·80	...	...
...	37·304	1·335	0·65	...	...
.	37·480	+12·495	0·70	...	...
*	37·556	−10·365	1·05	...	...
...	+37·824	+41·045	− 4	...	...
S *	37·986	−35·739	2·50	43. 383	8·0
*	38·867	−50·279	1·10	43. 384	9·9
...	39·927	− 2·211	− 1	...	...
...	40·029	−15·929	− 3	...	...

181–212

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
181					
...	+40·234	−11·844	− 5	*m*	...
...	40·291	+ 4·402	− 5	*m*	...
*	40·475	+54·383	1·30	42. 353	9·1
...	40·609	+46·842	− 3	...	...
...	40·623	− 1·399	− 4	*m*	...
...	+40·631	− 1·395	− 4	*m*	...
...	41·137	− 6·150	− 5	*m*	...
...	42·233	−45·070	0·90	...	...
...	42·577	+24·419	− 1	...	...
...	43·810	−33·450	− 3	...	...
191					
...	+44·762	+46·334	− 3	...	...
...	45·146	+38·843	− 5	...	...
...	45·233	+11·182	− 5	*m*	...
*	47·685	− 2·840	1·00	...	...
...	47·8[illegible]3	+30·417	− 3	...	...
...	+48·231	+35·657	− 4	...	...
...	48·280	+28·052	− 2	...	...
...	49·432	+ 2·021	− 5	*m*	...
*	50·392	−16·035	1·00	...	...
...	50·891	−56·156	0·65	...	...
201					...
...	+50·903	− 5·254	− 4	*e*	
...	51·483	−31·887	− 5	*e*	...
S *	51·663	+27·757	1·30	42. 354	9·2
*	52·952	+ 9·657	1·10	...	...
...	54·299	− 2·757	− 3	...	...
...	+54·479	+ 1·125	− 3	*e*	...
*	55·185	+34·764	1·30	42. 355	9·7
†	56·061	+20·076	− 4	...	..
*	56·122	−18·765	1·00	...	...
...	56·292	− 8·302	− 5	*e*	...
211					
...	+57·244	+23·623	− 4	...	...
...	58·699	−18·516	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 1.	C.P.D. No.	C.P.D. Mag.
1 60					
1					
S *	−58·888	+27·650	1·25	42. 354	9·2
...	58·853	−16·156	0·75	...	...
...	58·659	− 5·372	− 4	E	...
...	57·295	−31·972	− 5	E	...
...	57·138	−56·267	− 3	...	...
*	−57·066	+ 9·585	1·05	..	...
...	56·639	+32·532	− 5	...	...
...	55·839	−40·178	− 5	M	...
*	55·573	+34·757	1·20	42. 355	9·7
...	55·495	+ 2·746	− 1	...	...
11					
...	−55·269	+ 1·108	− 3	E	...
†	54·256	+20·092	− 3	...	...
...	54·008	+39·085	− 5	...	...
...	53·177	+23·697	− 3	...	...
...	53·168	− 8·269	− 5	E	...
...	−53·045	−18·715	0·90	...	...
..	52·823	+38·002	− 5	...	...
...	51·290	+57·181	− 5	...	...
...	50·484	−18·387	− 3	...	...
...	49·501	+41·957	− 2	...	...
21					
...	−49·315	+46·013	− 3	...	...
...	48·861	+40·009	− 5	...	...
...	48·746	+46·788	− 5	...	...
*	46·413	−38·987	1·15	43. 385	9·8
...	46·379	+59·654	− 5	...	...
...	−46·348	+48·388	− 4	...	...
S *	46·164	+47·016	2·10	42. 356	8·2
...	45·296	+23·614	− 5	...	...
...	45·288	+ 5·570	− 5	M	...
S *	45·257	−33·331	1·58	43. 386	8·6
31					
...	−45·063	+24·201	− 4	...	...
...	44·759	−11·138	− 5	M	...
...	44·720	+28·697	− 4	...	...
...	44·426	−51·663	− 5	M	...
...	44·089	+ 9·624	− 4	...	...
...	−43·004	−20·836	0·80	...	...
...	42·470	+ 3·688	− 3	...	...
...	42·080	−10·009	− 2	...	...
...	41·779	−20·724	− 3	B	...
...	41·656	−40·049	− 3	...	...
41					
*	−39·469	+55·645	2·30	42. 357	8·7
*	39·412	−29·251	1·10	...	...
†	39·359	+59·962	− 3	...	...
*	38·033	−56·265	1·25	44. 389	9·1
...	37·530	−38·260	− 1	...	...
...	−37·381	+18·032	− 5	M	...
†	37·158	+10·146	− 4	...	...
...	36·125	+22·620	− 1	...	...
...	35·248	−23·068	0·75	...	...
...	35·130	+17·813	− 3	...	...
51					
...	−34·644	55·399	− 5	M	...
...	34·629	+ 6·447	− 5	M	...
...	34·553	−27·541	− 4	M	...
...	33·822	+23·689	− 2	...	...
...	33·793	−21·307	− 5	M	...
...	−33·591	+40·379	0·70	...	...
...	33·350	−42·352	0·70	...	...
*	31·947	+38·203	1·35	42. 358	8·7
...	31·341	−10·001	− 1	...	...
...	31·142	+21·427	− 5	M	...
61 120					
61					
...	−30·131	+31·121	0·65	...	...
...	29·147	−20·849	0·80	...	...
...	28·433	−25·415	− 5	M	...
...	27·913	− 3·348	− 2	...	...
...	26·615	+50·255	− 4	...	...
*	−26·260	+21·155	1·00	...	...
...	26·032	−35·242	− 5	M	...
*	25·795	+43·474	1·20	42. 359	9·4
...	25·422	+34·387	− 5	M	...
*	25·204	−50·625	1·45	43. 387	9·0
71					
*	−24·081	+15·372	1·00	...	...
...	23·961	−50·927	− 3	..	...
...	23·905	+53·870	− 5	...	...
...	23·740	−19·472	− 5	M	...
...	22·963	−32·006	− 3	...	...
...	−22·582	+13·386	− 1	...	...
S *	21·225	−38·122	1·23	43. 388	9·4
*	21·107	−27·502	1·00	...	...
...	20·927	−21·988	− 5	M	...
*	20·916	−56·205	1·05	...	...
81					
...	−19·884	+34·139	− 4	...	...
...	19·254	−25·005	− 4	M	...
...	19·165	−39·263	− 4	M	...
...	18·835	+22·128	− 5	M	...
...	18·771	−27·850	− 5	M	...
‡	−18·254	+ 5·298	1·00	42. 360	10·0
...	18·075	−21·834	− 4	M	...
...	17·304	+58·449	− 5	...	...
S *	17·264	+26·290	1·23	42. 361	9·4
...	17·095	−10·214	− 5	M	...
91					
...	−16·989	− 5·102	0·75	..	...
...	16·712	+50·825	− 2	...	...
...	15·790	−45·373	− 4	M	...
...	15·521	− 3·318	− 5	M	...
...	15·494	+43·134	− 4	...	...
...	−14·729	+41·474	− 4	...	...
...	13·251	−18·848	− 2	...	...
...	12·999	−56·202	− 5	...	...
...	11·261	+14·522	− 5	M	...
...	10·986	+ 6·077	− 5	M	..
101					
...	−10·789	−28·671	− 5	M	...
*	10·785	+12·641	1·10	42. 362	9·7
*	10·698	− 3·000	1·90	43. 389	8·3
...	10·126	−28·804	− 4	...	...
...	9·236	+33·608	− 4	...	...
...	− 8·981	−16·326	− 4	M	...
*	8·522	+16·636	1·00	...	...
...	7·955	−51·753	− 5	M	...
...	7·946	+52·125	− 5	...	...
...	7·737	−25·599	− 5	M	...
111					
...	− 6·746	− 0·246	− 5	M	...
‡	5·602	+45·111	1·00	42. 363	10·0
...	5·434	−47·743	0·80	...	...
*	5·408	+55·957	1·05	...	...
...	5·404	+30·482	− 5	M	...
...	− 3·822	+10·904	− 2	m	...
...	2·107	+25·453	− 3	...	...
...	1·780	+ 6·670	− 5	M m	...
...	0·987	+39·716	− 5	M m	..
...	− 0·150	−46·386	− 3	m	...
121 180					
121					
...	+ 0·312	−20·632	− 5	M m	...
...	0·803	−27·792	− 4	M m	...
...	0·912	+ 4·069	− 5	M m	...
...	1·128	−45·319	0·80	...	...
*	1·205	−44·207	1·00	...	...
...	+ 1·810	−30·707	− 1	...	...
...	1·873	+31·751	− 4	M m	...
...	2·338	−13·407	0·70	...	..
...	2·587	− 3·309	0·75	...	...
...	3·414	+18·354	− 3	M b	...
131					
...	+ 4·037	+25·883	− 3	M	...
...	4·083	+32·516	− 3	...	...
...	5·126	+38·480	− 2	...	...
...	5·529	−57·846	− 5	M m	...
...	6·052	−18·373	0·85	...	...
...	+ 6·079	−35·269	− 2	a	...
...	6·354	−15·989	− 5	m	...
*	6·590	+21·929	1·10	42. 364	9·6
...	6·823	+13·433	− 1		...
...	7·581	−51·868		m	...
141					
...	+ 8·001	−39·892	0·75	...	...
*	8·559	+ 4·828	1·15	42. 365	10·0
...	8·986	+ 8·242	− 1	...	...
...	9·613	+ 6·291	− 5	m	...
...	9·688	− 0·393	− 5	m	...
...	+10·076	−41·111	− 5	m	...
...	10·101	+19·493	− 4	...	...
...	10·515	+54·314	− 5	m	...
...	10·666	−42·145	− 5	m	...
...	11·078	+ 6·760	− 1	..	...
151					
...	+11·531	−22·537	− 4	m	...
...	12·906	−49·449	0·65	.	...
...	13·120	− 6·383	− 1	b	...
*	13·559	+15·741	1·00	..	..
...	13·594	+14·526	− 5	m	...
*	+14·009	−24·349	1·00	43. 390	9·9
...	14·479	+27·515	0·75	..	...
*	14·753	−23·182	1·20	43. 391	9·0
...	14·944	+41·918	− 3	...	...
S *	15·758	− 1·905	3·25	43 392	7·1
161					
...	+15·765	−31·859	0·80	...	...
...	15·842	+59·117	− 1		...
...	15·875	−50·325	− 3	.	...
...	16·024	− 4·502	0·75	...	.
...	16·531	− 7·165	− 4	...	...
...	+16·812	+37·650	0·80	..	...
..	17·239	− 7·767	− 5	m	...
*	17·525	−11·850	1·25	43. 393	8·8
S *	19·049	−50·238	1·35	43. 394	8·8
...	19·176	− 1·[illegible]	− 1	b	...
171					
†	−19·015	+25·912		.	...
...	19·[illegible]	+14·289	− 1	..	...
...	21·449	+20·370	− 5	m	..
...	22·158	− 0·611	− 5		...
...	22·407	−31·168	− 5		...
...	+22·574	+ 7·768	− 5	m	...
...	23·071	−56·841	− 5	...	...
...	23·199	+46·872	0·65	...	...
...	23·232	− 2·416	− 5	m	...
*	23·350	−55·337	1·10	43. 395	9·8

E measured from 1, 121.
S ,, .. 62, 199.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
181–210					
181					
..	+23·825	−50·427	− 3	...	...
S *	23·841	+ 6·548	1·60	42. 366	8·4
...	23·904	−34·275	0·80	...	...
.	24·799	−10·115	1·20	43. 396	9·2
...	25·396	+14·509	0·65	...	...
*	+25·578	−11·357	1·00	...	...
.	25·917	−19·772	− 5	m	...
...	26·399	− 1·293	− 1	h	...
..	26·475	−23·730	− 1	...	...
*	26·480	−43·159	1·00	...	...
191					
..	+26·561	−44·266	− 3	..	...
...	27·054	+ 0·828	0·70	...	...
..	28·020	+13·325	− 3	...	...
...	28·423	+19·748	− 5	m	...
..	28·799	−39·835	− 5	m	...
.	+29·[illegible]	−41·187	− 4	..	..
.	29·351	+28·534	− 3	...	...
†	29·857	− 9·319	0·65	...	...
...	31·[illegible]	+ 6·034	− 4	...	...
..	31·3[illegible]	− 4·341	− 5	m	...
201					
*	+31·404	+ 8·555	1·15	42. 367	9·7
.	31·433	− 7·188	− 4	m	...
.	31·513	−58·666	− 5	m	...
.	31·659	−57·926	− 3	..	...
..	32·58[illegible]	−11·237	− 5	m	...
.	+32·773	−48·879	− 4	m	...
*	32·778	+32·560	1·00	...	...
...	33·102	−16·384	− 5	m	...
...	33·[illegible]	+ 1·098	− 4	...	...
...	33·664	+21·405	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 1.	C.P.D. No.	C.P.D. Mag.
211–240					
211					
...	+34·460	+39·285	− 5	...	...
*	34·982	+29·689	1·40	42. 368	9·0
...	36·293	+41·743	− 4	...	...
...	37·371	−28·427	− 1	...	...
...	37·757	−46·490	− 5	...	...
*	+37·761	−50·485	1·00	43. 397	9·2
...	38·903	+ 2·639	− 2	..	...
*	39·285	+19·566	1·30	42. 369	9·3
*	39·408	+22·572	1·00		
*	39·458	+22·640	1·10	42. 370	9·4
221					
*	+41·721	−58·482	1·00	...	...
...	41·725	−45·154	− 5	m	...
..	41·922	+20·835	− 5	...	...
*	41·942	−15·237	1·05	...	...
.	42·273	+14·917	− 5	m	...
...	+42·274	+48·680	− 4	...	...
...	42·720	+13·025	− 5	m	...
...	42·885	+44·511	− 5	m	...
*	44·271	+41·650	1·20	42. 371	9·6
..	44·411	+29·297	− 2	..	...
231					
...	+47·970	−51·519	− 3	...	...
..	48·393	+15·777	− 5	...	...
...	48·475	+39·402	− 4	...	...
*	49·672	−26·844	1·30	43. 398	9·3
S *	49·673	+43·388	2·40	42. 372	8·2
.	+50·164	− 0·784	− 5	m	...
...	51·056	+19·157	− 5	...	...
...	51·305	+51·989	− 2	...	...
*	53·088	− 0·616	1·05	e	...
...	53·188	−51·462	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
241–256					
241					
...	+53·393	+56·356	− 4	...	...
*	53·741	−22·728	1·15	43. 399	9·9
...	54·300	+ 3·668	− 5	m	..
S *	54·472	+29·441	1·33	42. 373	9·4
...	55·910	+44·325	− 4	...	...
*	+55·931	+11·825	1·10	...	...
...	56·000	−10·464	− 3	...	...
...	56·424	+43·858	− 2	...	...
..	57·033	−43·965	− 5	...	...
...	57·12[illegible]	−53·7[illegible]	− 2	..	...
251					
...	+58·040	−58·998	− 3	...	...
...	58·320	+ 8·522	− 5	...	...
...	58·584	− 3·556	0·90	..	...
...	59·414	+31·065	− 4	...	...
S *	59·424	−27·971	2·28	43. 400	8·2
...	+59·664	+ 4·831	− 5	..	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
1–20					
1					
.	−57·[illegible]	−51·[illegible]	− 3	.	...
.	57·[illegible]	−29·[illegible]	1·50	43. 398	9·3
.	57·221	+57·[illegible]	− 5	.	...
.	56·628	− 0·662	0·80	E	...
S .	56·136	+29·425	1·[illegible]	42. 373	9·4
.	−55·306	−22·742	1·05	43. 399	9·9
.	55·094	−42·536	− 5	M	.
.	55·012	−51·485	− 5	...	...
.	54·[illegible]	+ 2·[illegible]	− 5	M	.
...	54·610	+43·890	− 2	...	...
11					
*	−54·151	+11·858	1·25		...
.	54·[illegible]	−[illegible]	− 5	.	...
.	51·907	−23·623	− 1	..	
.	51·688	+ 8·613	− 5	.	
.	51·402	−43·883	− [illegible]		
.	5[illegible]	[illegible]	− 3	.	...
*	50·[illegible]	− 1·[illegible]	1·00	...	
...	49·932	−58·867	− 3	...	...
S .	49·[illegible]	−[illegible]	2·23	43. 4[illegible]	8·2
.	48·[illegible]	[illegible]	− 5	.	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 1.	C.P.D. No.	C.P.D. Mag.
21–40					
21					
S *	−47·698	+49·651	2·00	42. 374	8·6
.	47·031	−50·507	− 1	.	...
*	46·817	−16·631	1·00	...	..
.	46·632	−56·774	− 5	.	..
.	46·005	−40·505	− 3	M	...
...	−45·44[illegible]	+21·006	− 1	..	...
...	44·070	−24·536	− 3	.	...
*	44·026	+34·659	1·20	42. 376	9·8
...	43·816	−47·836	− 3	.	..
.	43·557	+49·9[illegible]	− 2	.	
31					
	−42·130	+32·077	− 4	...	
...	41·637	+ 6·626	− 5	M	.
.	40·810	−51·575	1·[illegible]	43. 401	9·9
*	39·616	−23·560	1·[illegible]	43. 402	9·7
.	39·419	+18·456	− 1	.	.
	−37·509	+ 7·909	− 5	...	..
.	37·014	+42·295	− 4	...	..
*	35·544	−16·[illegible]	1·15	43. 403	9·8
.	35·438	+39·351	1·00	..	...
..	35·[illegible]	−41·458	− 5	M	.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
41–60					
41					
...	−34·026	−50·785	0·70	...	...
...	33·712	−58·071	− 5	M	..
...	32·160	+35·767	− 5	M	...
...	32·038	+33·869	0·70	...	...
...	31·952	−48·526	− 5	M	..
.	−30·353	+20·644	− 5	..	...
...	30·128	−41·302	0·85	.	...
...	29·568	−16·858	− 1	...	...
*	29·458	−10·203	1·10	...	...
...	29·023	+49·681	− 2	..	...
51					
...	−28·931	+33·162	− 3	..	...
..	28·485	−14·663	− 5	M	...
..	27·507	−29·201	0·70	...	...
.	26·964	+47·514	− 4	...	...
...	26·146	+49·152	− 2	...	...
...	−25·819	+13·[illegible]43	− 5	..	...
...	25·752	−15·080	− 4	B	...
*	25·392	+16·656	1·15	42. 377	10·3
.	24·077	−28·614	0·85	...	...
.	23·645	−16·628	− 3	...	...

H recommend from 1. 119.
S .. .. 48. 193.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
61–120					
61					
...	−22·851	−19·492	0·65	°	...
*	22·739	+33·330	1·10	...	...
S *	22·603	−24·371	2·35	43. 404	8·0
S *	21·666	−51·563	2·50	43. 405	8·2
...	20·941	+41·924	− 5	..	...
S *	−20·909	−50·012	1·30	42. 378	9·2
*	20·882	+31·317	1·00	...	...
...	19·51	+43·84	− 5	M	...
...	19·435	+53·966	− 5	.	...
†	18·605	−25·353	0·75	..	...
71					
...	−18·507	+17·421	− 3		...
...	18·470	+12·190	0·85	..	...
...	17·472	+ 9·302	− 5	...	...
...	17·169	−18·882	− 3	.	..
	17·116	−38·450	− 5	...	...
.	−16·604	+	0·85	...	...
...	16·199	−19·184	− 4	M	..
...	15·743	−29·014	− 5	M	...
...	15·638	+44·158	− 5	M	...
...	15·613	+46·954	− 3	...	...
81					
*	−14·604	−13·840	1·50	43. 406	9·0
..	14·383	−19·999	− 5	M	...
...	14·165	−32·353	− 4	A	...
...	13·913	−35·635	− 2	...	..
...	13·166	−50·007	− 4	...	...
*	−12·853	+13·54	1·90	42. 379	8·6
...	12·097	+ 2·831	− 5	M	...
.	11·884	−44·898	− 4	A	...
..	11·852	+25·609	− 5	..	...
...	11·611	−10·459	− 5	M	..
91					
...	−11·385	− 1·512	− 4	M	
...	11·012	−26·959	− 5	M	...
...	10·888	+57·877	− 5	...	...
*	10·344	−27·138	1·00	...	...
*	10·039	+16·411	1·10	...	...
...	− 9·236	+ 9·735	0·70	...	...
...	8·841	−11·715	− 5	M	...
..	8·460	+14·951	− 3	..	...
...	8·234	−40·451	− 4	...	...
...	7·919	−36·479	− 3	..	...
101					
.	− 7·916	+ 0·561	− 1	...	...
...	7·901	−24·291	− 5	M	...
*	7·884	−38·822	1·00	..	...
...	7·804	+16·664	− 4	...	...
...	7·184	−18·499	− 5	M	...
...	− 6·913	+39·802	− 2	...	...
*	6·037	−47·300	1·05	...	...
...	5·848	− 2·938	− 4	M	...
...	5·723	−45·989	− 2	..	...
...	5·544	+ 9·937	− 5	M	...
111					
...	− 4·401	+24·161	− 4	*m*	...
*	3·124	+22·630	1·05	42. 381	10·3
...	3·083	+19·862	− 3	*m*	...
S *	2·606	−40·062	1·38	43. 407	9·2
...	2·219	+33·740	− 2	*m*	...
...	− 2·160	+17·469	− 5	*m*	...
...	1·805	−59·674	0·90	...	...
†	− 0·798	+24·627	− 4	*m*	...
S *	+ 0·647	+52·440	1·58	42. 382	8·6
...	0·097	+38·161	− 5	*m*	...
121–180					
121					
..	+ 1·599	−45·041	− 5	M	...
...	1·608	−54·559	− 1	...	...
*	2·273	− 6·095	1·30	43. 408	9·3
...	2·478	+57·498	− 3	...	..
...	3·151	+ 1·437	− 3	*m*	...
..	+ 3·520	+19·845	0·70	...	...
*	3·668	+50·630	1·00	.	...
...	3·715	−30·454	− 3	...	...
*	4·244	+46·015	1·05	...	..
..	4·482	−41·450	− 1	..	...
131					
...	+ 6·090	− 6·634	− 4	...	...
..	6·258	+45·376	− 1	..	...
...	6·824	+21·656	− 4	*m*	...
...	6·903	− 7·716	− 2	..	...
...	6·973	+22·009	− 3	*m*	...
*	+ 7·349	+25·926	2·80	42. 383	7·7
...	8·220	+24·192	− 2	*a*	
...	8·333	+55·244	0·90	...	...
*	8·458	+13·708	1·15	42. 384	9·8
...	8·546	+ 5·994	− 4	*m*	..
141					
...	+ 9·024	+58·870	0·75	..	...
...	9·796	− 2·651	− 5	*m*	...
†	10·187	−42·031	− 2	..	...
S *	10·235	+49·158	2·48	42. 385	7·9
...	10·522	+57·371	− 3	..	...
...	+11·413	+42·665	− 2	..	...
...	11·546	−20·681	− 3	...	...
...	11·850	−46·556	0·70	..	...
...	12·065	+ 5·732	0·75	..	..
...	12·198	+20·607	− 3	*m*	...
151					
...	+12·283	−48·698	− 5	...	..
...	12·755	− 9·826	− 5	*m*	...
...	13·343	+24·377	− 3	*m*	...
...	13·492	−35·452	− 5	..	...
...	13·603	+40·134	− 4	*m*	...
...	+14·633	−48·218	− 2	...	...
†	15·059	−28·527	1·35	43. 409	9·0
...	15·239	+ 2·772	− 4	*m*	..
...	15·272	− 2·669	− 4	*m*	...
...	15·392	+37·928	− 1	...	...
161					
...	+15·523	+55·247	− 4	...	...
...	15·790	+11·331	− 3	*m*	...
...	17·558	− 0·624	− 2	...	..
...	18·161	+17·277	− 1	...	...
S †	18·390	+19·605	2·58	42. 386	7·8
...	+18·634	−36·505	− 5	*m*	...
...	20·138	+35·754	0·70	...	...
...	20·282	+48·000	− 4	...	...
*	22·605	−38·986	1·10	43. 410	10·3
†	23·081	−12·223	− 3	..	...
171					
*	+23·101	+25·022	1·00	42. 387	10·3
...	23·107	−23·550	− 5	*m*	...
...	23·250	+25·586	− 4	*m*	..
S *	23·687	+58·174	2·25	42. 388	8·2
...	23·911	+ 3·228	− 4	*a*	...
...	+24·683	+ 3·015	− 5	*m*	...
...	25·241	+56·627	− 5	*m*	...
...	25·494	+11·576	− 4	*m*	...
...	25·525	−52·124	− 4	*m*	...
...	25·860	+17·257	− 2	...	...
181–240					
181					
*	+26·144	+13·636	1·05	42. 389	10·0
...	26·315	+46·180	− 4	*m*	...
...	26·736	+43·961	− 5	*m*	...
..	27·448	+39·182	− 4	*m*	..
...	27·468	−28·854	− 4	...	...
...	+27·554	−58·285	− 5	...	...
...	27·786	− 4·684	− 5	...	...
...	28·662	+45·539	− 5	*m*	...
*	28·664	−10·287	1·0	...	...
...	28·926	−14·011	− 4	...	...
191					
...	+29·412	+42·665	− 3	...	...
...	29·479	− 8·600	0·70	...	...
..	30·456	−22·667	− 1	...	...
*	30·692	+42·232	1·10	42. 390	10·0
†	30·796	+19·749	0·70	...	...
*	+32·407	+34·52	1·10	42. 391	10·0
...	33·357	+17·485	− 4	.	...
...	33·814	−24·526	− 3	...	...
...	34·796	−12·414	0·75	...	...
*	35·134	+ 7·284	1·00	42. 394	10·2
201					
..	+35·142	− 8·060	0·65	...	...
*	35·500	+27·584	1·20	42. 393	9·8
*	35·652	+53·284	1·15	42. 392	10·3
S *	36·260	−27·223	1·20	43. 411	9·8
...	36·856	+34·689	− 3	...	...
...	+38·038	−49·070	0·65	.	...
..	38·708	+ 3·095	− 5	*m*	...
...	39·155	−15·306	− 4	...	...
...	40·030	−22·595	− 2	...	...
...	40·638	+19·672	− 1	...	...
211					
..	+40·895	−19·446	− 3	...	...
...	41·851	−18·677	− 3	...	...
..	42·217	+43·056	− 5	*m*	...
...	42·482	+59·560	− 4	...	...
...	42·721	− 3·184	− 3	...	...
...	+42·969	− 3·54	− 5	*m*	...
*	43·572	− 1·871	1·25	43. 412	9·8
S *	44·955	−15·546	1·63	43. 413	8·6
...	45·313	+24·534	− 4	...	...
...	45·321	−45·176	− 5	...	...
221					
...	+46·446	−58·718	− 5	...	..
*	46·988	− 9·884	1·00	..	...
.	47·106	− 6·578	− 4	...	...
...	47·217	+28·385	0·65	...	...
..	47·436	−39·651	− 5	...	...
...	+47·507	+36·798	− 3	...	..
..	48·150	−15·816	− 5	*m*	.
..	48·653	+56·156	− 5	*m*	...
...	48·888	−28·564	− 5	...	...
...	49·210	+47·828	0·85	...	...
231					
...	+49·270	−30·914	− 3	...	...
...	49·280	−36·170	− 5	...	...
	49·381	+39·608	0·75	...	...
..	50·642	−51·053	− 4	...	..
..	51·253	−51·532	− 5	...	...
...	+51·407	−13·029	− 5	.	...
..	52·387	+18·873	− 4	.	...
...	52·464	−47·364	− 5	...	...
...	52·716	+49·104	− 5	..	...
...	52·929	+54·961	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y	Diam. −1.	C.P.D. No.	C.P.D. Mag.
241-248					
241					
...	+53·444	+19·265	− 5	m	...
...	53·493	+41·632	− 4	...	...
...	53·935	−48·635	− 5	...	...
...	54·044	+19·343	− 2	...	...
...	54·146	+11·108	− 5	e	...
...	+55·229	+26·982	− 5	e	...
*	57·350	+42·534	1·05	42. 396	10·2
...	58·633	−45·973	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1-40					
1					
...	−59·533	−31·059	− 4	...	...
...	59·350	−36·325	− 5	...	...
...	57·907	−13·126	− 4	...	...
...	57·902	+18·792	− 5	E	...
...	57·472	+41·560	− 4	...	...
...	−57·397	−55·742	− 5	...	...
...	56·254	+19·308	− 3	...	...
...	55·913	+11·090	− 5	E	...
...	55·818	−47·401	− 5	...	...
...	55·297	+26·968	− 5	E	...
11					
...	−54·334	−48·628	− 4	...	...
*	53·639	+42·587	1·10	42. 396	10·2
...	49·724	−45·822	− 3	...	...
...	49·274	− 8·423	− 4	...	..
...	48·394	+10·388	− 4	M	...
...	−48·121	+23·427	0·80	...	...
*	47·810	+34·903	1·30	42. 398	9·8
S *	47·738	+26·287	1·35	42. 397	9·3
*	47·737	−14·046	1·30	43. 414	9·8
...	46·618	−59·132	− 4	...	...
21					
†	−44·755	−14·709	− 4	...	...
..	44·151	2·848	− 5	A	..
..	43·467	−46·004	0·65	.	..
...	42·888	−46·265	− 4	...	...
...	41·876	+31·337	− 4	..	.
†	−41·105	−34·682	− 5	...	..
...	40·665	−42·746	− 4	..	...
...	40·206	−16·967	− 4	.	...
.	40·097	−49·099	− 5	...	..
...	39·59?	−51·957	− 5	..	...
31					
...	−39·575	−30·279	− 3	.	...
...	39·341	−42·620	− 5	..	.
...	39·051	−41·027	− 3	...	..
...	38·[illegible]	−22·495	− 5	..	...
*	38·172	−18·724	1·00	...	..
...	−38·068	+27·661	0·80	.	...
...	37·989	+17·863	− 5	M	...
...	37·860	+14·404	− 5	M	...
S *	36·833	+48·896	2·00	42. 399	8·6
...	35·104	−[illegible]·393	0·70	...	...
41-80					
41					
...	−34·423	−53·137	0·75	...	...
...	34·2[illegible]	−24·046	0·90	...	...
*	33·711	+34·792	1·10	42. 400	10·0
...	33·179	−31·897	− 3	...	...
...	33·014	−58·699	0·90	...	...
...	−32·475	+ 2·530	− 3	M	...
...	32·186	+ 7·980	− 2	...	...
...	31·105	+27·029	− 5	M	...
...	30·843	−36·293	− 4	...	...
...	30·653	+44·639	0·80	...	...
51					
...	−30·296	+17·895	− 5	M	..
...	29·806	− 6·723	− 1	...	...
...	29·465	+18·416	0·70	...	...
...	29·460	−57·913	− 4	...	...
...	29·061	−49·683	1·10	43. 415	10·4
...	−28·661	−55·261	− 4	...	...
...	28·631	+41·303	− 5	M	...
*	28·486	−49·087	1·00	...	...
...	28·221	− 1·610	0·80	...	...
...	27·805	−34·823	− 4	...	...
61					
...	−27·254	−55·303	− 5	...	...
...	27·253	+27·167	− 5	M	...
*	27·174	+46·093	2·00	42. 401	8·6
*	26·979	−31·838	1·20	43. 416	10·0
...	26·703	+49·555	− 4	M	...
...	−24·801	+49·055	− 3	...	...
..	24·158	+18·441	− 4	...	...
...	22·5[illegible]	−10·015	− 3	...	...
...	22·498	+28·848	− 4	M	...
...	22·269	−55·99[illegible]	− 5	...	..
71					
...	−21·785	+ 2·145	− 2	...	...
S *	21·[illegible]	+19·931	1·85	42. 402	8·6
.	20·857	−52·339	− 5	...	
.	20·819	+29·382	− 5	M	...
*	20·290	+21·912	2·00	42. 403	8·5
...	−19·45[illegible]	−46·297	− 5	...	...
...	19·008	+48·799	− 4	...	...
...	18·980	+56·008	− 5	...	...
..	17·815	+14·844	− 3	...	...
...	17·629	+32·055	− 2	...	...
81-120					
81					
*	−16·223	−37·384	2·20	43. 417	8·6
...	15·231	−53·936	− 4	...	...
...	15·105	+12·039	0·70	...	...
N † [	15·090	+45·019	− 3	42. 405	10·2
...	14·795	−27·776	− 5	...	...
*	−14·325	−26·222	1·35	43. 418	9·8
*	14·241	+43·408	1·30	42. 406	9·6
..	12·834	−13·[illegible]8	− 4	...	...
...	11·431	−52·570	− 4	...	...
...	11·008	+57·724	− 4	...	...
91					
...	−11·001	−58·045	− 3	...	...
...	9·668	+12·111	− 1	...	...
*	9·570	−11·025	3·80	43. 419	7·4
...	8·811	+53·338	− 5	...	...
*	8·663	+34·954	1·40	42. 407	9·3
...	− 8·549	−40·321	− 5	...	...
...	7·662	+11·673	− 5	M	...
...	7·544	−20·621	− 4	...	...
*	6·927	−47·393	1·30	43. 420	10·3
...	6·620	+54·[illegible]57	− 4	...	...
101					
...	− 6·149	−57·907	− 5	...	...
...	5·747	−20·881	− 5	A	...
...	5·582	− 0·927	− 5	B	...
*	4·726	−36·825	1·10	...	...
...	2·758	−51·842	− 5	...	...
*	− 1·434	+ 1·609	1·25	43. 421	10·4
...	1·368	+11·776	− 4	M	...
S *	1·109	− 7·146	2·55	43. 422	8·1
...	0·527	−11·299	0·65	...	...
S *	0·371	+52·454	1·28	42. 408	9·5
111					
...	− 0·301	−21·515	− 1	...	...
...	− 0·267	−25·[illegible]84	− 5	m	...
...	+ 0·115	+47·318	− 4	...	...
...	1·483	+45·592	− 4	M	...
...	1·945	+28·809	− 3	...	...
...	+ 2·130	+24·586	− 2	...	...
*	2·993	+49·944	1·10	42. 409	9·5
...	3·184	+49·194	− 5	M	...
...	3·391	−13·798	− 3	...	...
...	4·326	−19·054	− 5	m	...

CH measured from 1. 76, 154.
B ,, ,, 30, 113, 189.

84. Mass. 42°·25, two stars.

121–160

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
121				°	
...	+ 5·099	+26·394	− 4	...	...
...	6·387	+43·939	− 3	..	...
...	6·887	+37·544	− 1	...	...
...	7·429	−32·263	0·80	..	...
..	7·571	+16·044	− 2	...	...
...	+ 7·634	−36·727	− 2	...	...
...	7·739	+43·207	− 3	..	...
...	8·870	−31·820	0·70	...	...
...	9·304	+14·951	− 5	...	...
...	9·360	−17·811	0·70	...	...
131					
...	+ 9·419	−50·825	− 3	...	...
...	9·697	−22·482	− 5	*m*	...
...	10·121	−52·506	− 5	...	...
...	10·257	−56·139	− 5	...	...
*	10·278	−10·975	1·00	...	...
	+11·22[illegible]	−44·74[illegible]	1·20	43. 423	10·2
..	11·840	−11·573	− 4	*a*	...
...	12·021	−12·763	− 5	*b*	...
...	12·[illegible]9[illegible]	+57·019	− 4	...	...
*	13·299	+53·145	1·00	...	...
141					
*	+13·500	− 9·377	1·00	...	...
...	14·791	+40·322	− 5	..	...
S ‡	14·872	−53·234	2·45	43. 424	8·4
...	15·783	−55·56[illegible]	− 5	...	...
*	15·915	−3[illegible]·716	1·20	43. 425	10·0
†	+16·012	−49·609	− 5	...	...
...	16·307	−54·29[illegible]	− 5	...	...
...	16·359	−57·162	0·70	...	...
...	16·79[illegible]	−43·658	− 3	...	...
...	17·804	+29·437	0·65	...	...
151					
...	+18·545	+40·318	− 5	...	...
S *	18·980	+48·836	2·00	42. 410	8·6
...	19·226	+56·564	− 4	...	...
*	20·275	+33·238	1·35	42. 411	9·5
..	20·874	+23·530	− 5	...	...
...	+20·890	+37·473	− 3	...	...
S *	21·004	+ 6·967	2·25	42. 412	8·5
...	22·225	− 9·246	− 5	*m*	...
...	22·672	−49·475	− 5	*m*	...
...	22·827	+ 7·400	− 3	...	...

161–200

Notes.	Co-ordinates. x	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
161				°	
...	+23·690	−48·935	− 4	.	...
...	24·226	−53·495	− 4	...	...
...	25·890	+36·828	− 2	...	...
..	26·766	+48·922	− 5	...	...
...	27·355	− 5·577	0·80	...	...
..	+27·384	− 5·739	− 4	.	...
*	27·482	+44·641	5·90	42. 413	5·1
*	30·485	+53·623	1·15	42. 414	10·2
...	30·783	+46·771	− 3	...	...
...	30·869	+49·302	− 5	...	...
171					
...	+30·977	−56·060	− 4	...	...
...	31·017	−10·119	− 5	*m*	...
...	31·258	+ 7·038	0·70	...	...
...	32·461	+45·132	− 2	...	...
..	32·619	−46·425	− 5	...	...
...	+33·273	+ 6·846	− 1	...	...
...	33·560	−17·710	− 4	...	...
...	33·566	−15·620	− 5	...	...
...	34·686	+53·649	− 4	...	...
...	35·002	−44·417	− 4	...	...
181					
...	+35·223	+33·062	− 5	...	...
...	35·495	+36·299	− 4	...	...
...	36·128	−12·545	− 3	...	...
...	37·437	−38·038	− 4	...	...
...	37·829	+25·445	− 4	...	...
...	+37·945	− 0·090	− 2	*a*	...
...	37·958	+32·720	− 5	...	...
...	39·217	−20·280	− 3	...	...
...	40·376	+22·189	0·70	...	...
...	40·520	−37·852	− 4	...	...
191					
...	+40·652	+59·380	− 3	...	...
*	41·015	+14·775	1·10	42. 415	9·8
...	41·180	−28·504	− 1	...	...
...	41·510	−15·023	− 2	...	...
...	42·518	+19·078	− 2	...	...
...	+42·992	+40·522	− 4	...	...
*	43·335	+18·635	1·10	42. 416	10·0
S *	45·459	+ 4·314	1·75	42. 417	8·8
...	45·911	−15·504	− 1	...	...
...	46·078	− 9·094	− 5	...	...

201–220

Notes.	Co-ordinates. ..	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
201				°	
...	+46·739	+10·723	0·70	...	...
...	46·897	−41·343	− 3	...	...
*	47·391	+40·941	1·15	42. 418	10·0
..	47·718	+48·163	− 5	...	...
...	48·240	+ 1·528	− 5	*m*	...
+	+48·522	−37·898	1·05	...	...
...	49·557	+ 8·429	− 5	...	...
*	51·107	+59·274	1·20	42. 419	9·6
...	51·737	+24·[illegible]45	− 4	...	...
*	52·042	+26·772	1·00	42. 420	10·2
211					
..	+52·158	−42·168	− 1	..	...
...	52·233	− 2·291	− 5	...	...
...	54·296	−12·405	− 4	*e*	...
S *	54·357	+ 9·061	1·40	42. 421	9·3
...	54·907	+39·668	0·70	..	...
S *	+55·060	−31·903	1·30	43. 426	10·0
...	55·415	−20·947	− 2	...	...
...	56·267	+ 4·273	− 4	.	...
...	56·517	− 7·228	− 4	...	...
...	59·016	+52·905	− 4	...	...

1–10

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
1				°	
...	−58·723	+23·942	− 4	...	...
*	58·300	+20·677	1·10	42. 420	10·2
...	57·409	− 2·373	− 5	...	...
...	56·301	−42·234	0·70	...	...
...	56·161	− 5·078	− 5	M	...
...	−56·000	+39·668	0·90	...	...
S *	55·633	+ 9·049	1·20	42. 421	9·3
...	55·055	−12·402	− 5	E	...
S *	53·703	−31·878	1·20	43. 426	10·0
...	53·698	−20·915	0·70	...	...

11–20

Notes.	Co-ordinates. x	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
11				°	
...	−53·585	+ 4·320	− 3	...	...
...	52·981	− 7·181	− 3	...	...
...	52·291	+53·000	− 4	...	...
...	51·063	+39·770	− 1	...	...
†	50·166	+25·243	− 5	...	...
...	−49·641	− 0·827	− 4	A	...
*	49·483	+10·279	1·10	42. 422	9·4
...	49·367	+30·365	− 2	...	...
*	49·212	+ 9·789	1·15	42. 423	9·8
...	48·228	− 6·952	− 5	M	...

21–30

Notes.	Co-ordinates. ..	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
21				°	
...	−48·184	−17·930	− 3	...	...
...	47·780	− 5·905	− 5	M	...
S *	47·646	+27·233	5·00	42. 424	5·9
...	47·555	− 9·313	0·70	...	...
...	47·384	− 6·049	0·80	...	...
...	−47·325	−45·598	− 5	...	...
...	46·837	−45·922	− 4	...	...
...	46·425	−48·491	0·70	...	...
...	45·910	−32·509	0·90	...	...
..	45·368	+16·804	− 4	...	...

S measured from 1. 150.
CH ,, ,, 72, 225.

Notes.	Co-ordinates. x.	y.	Diam. −1.	C.P.D. No.	Mag.
31-90					
31					
*	−43·[illegible]	−26·648	[illegible]	43. 427	10·2
...	44·[illegible]	−[illegible]	− 5	M	...
...	44·[illegible]	+51·757	0·90	42. 425	10·3
..	44·[illegible]	−22·[illegible]	− 5	M	..
...	43·[illegible]	+28·411	− 3	..	...
...	−43·753	[illegible]	0·80	...	...
	42·[illegible]	+18·270	− 3	...	..
.	42·[illegible]	−[illegible]	− 3	...	...
..	41·654	+12·524	− 2	..	...
..	41·[illegible]	−23·455	− 5	M	...
41					
...	−41·[illegible]	+41·[illegible]	− 3	...	...
...	40·972	+[illegible]	− 5	...	...
*	40·569	+11·508	[illegible]	42. 426	10·0
.	40·[illegible]	+48·077	[illegible]	...	...
.	40·393	+[illegible]	0·90	...	...
...	−40·[illegible]	+37·174	− 5	...	...
..	40·082	−[illegible]	0·90	...	...
:	39·935	+26·426	[illegible]	42. 427	9·5
.	39·[illegible]	−22·228	− 3	...	...
...	39·[illegible]	+[illegible]	− 5	...	...
51					
*	−38·[illegible]	−42·028	[illegible]	43. 428	10·4
...	38·[illegible]	+26·025	− 4	...	...
...	38·[illegible]	−58·568	− 3	...	...
*	37·[illegible]	−54·231	[illegible]	42. 428	10·0
...	37·[illegible]	+[illegible]	− 3	...	...
...	−36·[illegible]	−25·903	− 5	M	...
..	36·677	−16·753	− 5	M	..
.	36·[illegible]	−50·842	− 4	...	..
..	36·367	−[illegible]	− 4	A	...
...	36·082	−54·[illegible]	− 5	...	.
61					
...	−35·032	− 9·939	0·80	...	...
S *	34·[illegible]	+43·[illegible]	1·20	42. 429	9·5
...	34·266	−43·514	− 5	...	...
...	34·179	− 1·668	4	A	...
...	33·[illegible]	−20·006	− 5	M	...
...	−33·391	[illegible]	− 5	M	...
..	33·046	−31·213	− 5	M	...
.	32·529	+32·315	0·75	...	...
...	31·838	[illegible]	0·65	..	
...	31·557	[illegible]	− 4	..	
71					
*	−[illegible]	−[illegible]	1·00	...	...
...	[illegible]	[illegible]	− 4	.	..
*	27·309	[illegible]	[illegible]	.	..
...	26·854	−[illegible]	− 5	.	...
	26·656	[illegible]	− 5	.	...
...	−26·579	[illegible]	− 5	M	
...	[illegible]	−16·934	− [illegible]	...	...
...	[illegible]	[illegible]	− 4		...
*	25·017	−43·899	[illegible]		...
...	24·501	−38·603	[illegible]	...	.
81					
...	−24·415	[illegible]	− 3		...
	24·187	[illegible]	− 3	...	
.	[illegible]	−16·450	− 4	B	
..	[illegible]	[illegible]	− 2		...
S *	[illegible]	[illegible]	2·20	42. 430	7·8
..	−[illegible]	+20·661	− [illegible]		.
...	21·656	+24·436	− 5		.
...	21·177	−40·512	− [illegible]		...
...	[illegible]	−11·861	− 5	M	.
*	. 20·177	+44·805	[illegible]	42. 431	10·2

Notes.	Co-ordinates. x.	y.	Diam. −1.	C.P.D. No.	Mag.
91-150					
91					
...	−19·[illegible]	−56·895	− 4	...	...
†	19·678	[illegible]	− 5	...	...
...	19·090	+58·807	− 4	...	...
...	18·504	−43·[illegible]	− 5	...	...
*	17·975	+ 2·882	1·00	43. 429	10·3
...	−17·767	− 2·281	− 5	M	...
...	17·731	+19·486	− 5	M	...
*	17·544	− [illegible]	1·10	...	...
...	17·401	+54·662	− 5	M	...
...	17·309	−18·443	− 2	...	...
101					
...	−17·[illegible]	−49·[illegible]	− 5	...	...
..	16·858	−51·962	− 4	...	...
...	16·380	−45·178	− 2	...	...
*	16·176	−12·984	1·05	...	...
...	16·131	+[illegible]	− 4	...	...
...	−15·626	−31·105	0·80	...	...
*	15·576	+[illegible]	1·15	42. 432	10·0
...	14·824	+46·[illegible]	− 5	..	..
...	14·[illegible]	−44·149	− 3	...	...
†	14·157	− 4·625	− 4	...	...
111					
...	−[illegible]	+[illegible]	− 4	...	...
...	14·019	−21·[illegible]	− 4	...	...
...	13·942	[illegible]	− 5	M	...
*	13·461	−23·723	1·15	43. 430	10·2
...	12·909	−30·949	− 5	..	...
...	−12·544	+23·002	− 3	...	...
...	11·020	+[illegible]	0·65	...	...
..	10·923	+[illegible]	0·80	...	...
*	10·523	+ 7·719	1·10	42. 434	10·2
*	10·175	+38·625	1·00	42. 435	10·1
121					
...	−10·103	−26·301	0·75	...	..
...	9·678	+10·980	− 5	M	...
...	9·425	−25·802	− 5	M	...
...	8·769	+57·[illegible]	− 4	...	...
..	7·521	+54·985	− 3	...	...
...	− 6·710	−38·518	0·90	...	...
...	6·020	−48·[illegible]	− 4	...	...
...	5·814	+22·653	− 5	M	...
*	5·693	− 8·825	1·10	...	...
...	5·669	−35·447	− 5	...	...
131					
...	− 5·580	+45·[illegible]	− 2	..	...
..	5·357	− [illegible]	− 3	..	...
.	5·216	+36·543	− 5	M	...
.	4·590	− [illegible]	− 2	...	...
.	4·[illegible]	+14·021	0·80	...	...
...	− 3·906	+ 7·743	− 2	...	..
...	2·689	− 6·580	− 3	...	...
...	2·616	−19·303	− [illegible]	...	.
†	2·608	[illegible]	− 5	M *m*	...
*	2·335	+36·924	1·00	42. 436	10·0
141					
.	− 2·[illegible]	+42·718	− 4	...	...
.	2·241	+44·329	− 5	M	...
...	1·912	[illegible]	0·65	...	...
.	1·055	[illegible]	− 4	M	
	1·046	−25·852	0·90	..	...
	− 0·909	[illegible]	− 2	...	...
	0·524	− 0·557	− 2	...	...
...	0·441	[illegible]	− 4	M *m*	...
*	− 0·149	−19·875	1·20	43. 431	9·8
..	+ 0·040	+[illegible]	− 1	..	..

Notes.	Co-ordinates. x.	y.	Diam. 1.	C.P.D. No.	Mag.
151-210					
151					
*	+ 0·438	−16·[illegible]	1·00	...	...
N	0·691	+57·388	− 4	...	...
N	0·694	+57·[illegible]	− 4	...	...
*	0·930	[illegible]	1·00	42. 437	10·1
*	1·797	+56·312	1·10	42. 438	10·1
..	+ 2·008	+[illegible]	− 2	...	...
...	2·394	−17·[illegible]	− 3	...	...
*	2·650	+ [illegible]	1·00	43. 432	10·1
...	[illegible]	+23·[illegible]	− 5	M	...
...	3·238	[illegible]	− 5	M	...
161					
S *	+ 4·373	−25·015	1·50	43. 433	8·8
...	4·406	[illegible]	0·70	...	...
...	4·445	−44·228	− 4	..	...
†	4·956	+50·151	− 3	...	...
...	5·069	−44·681	− 4	M	...
...	+ 5·416	+55·[illegible]	− 5	...	...
...	6·365	+ 6·666	− 5	...	...
S *	7·087	−5·[illegible]	2·05	43. 434	8·2
...	7·216	+42·311	− 5	..	...
...	7·524	− 0·001	− 5	*m*	...
171					
...	+ 8·406	−19·843	[illegible]	...	...
...	8·685	+31·[illegible]	− 5	...	...
...	8·885	−35·[illegible]	0·90	.	...
...	9·506	+38·787	− 2	...	...
...	9·617	+40·465	− 5	..	...
...	+10·215	[illegible]	− 4	...	...
*	10·440	+10·452	1·20	42. 440	9·4
...	11·276	+40·370	− 4	.	...
S *	11·704	+48·042	1·48	42. 441	8·6
...	12·291	− 1·227	− 3	...	...
181					
*	+12·662	+43·[illegible]	1·00	42. 442	10·0
*	12·847	−57·885	1·20	44. 465	10·4
*	12·951	−17·817	1·05	...	...
*	14·[illegible]	−54·453	1·10	42. 443	10·0
..	14·156	+31·[illegible]	− 2	...	...
†	+14·892	−31·558	− 2	...	...
...	15·469	−54·891	− 2	...	...
*	15·551	+55·[illegible]	1·20	42. 444	9·8
*	16·120	−43·215	2·00	43. 435	8·3
*	16·195	+48·133	2·20	42. 445	8·2
191					
...	+16·195	+31·072	0·80	...	...
...	16·313	+32·321	− 5		...
...	16·792	[illegible]	− 2	...	...
...	16·884	−21·[illegible]	− 4	...	...
...	17·596	− [illegible]	− 4	.	...
...	+17·612	−31·259	[illegible]	...	...
S *	18·083	[illegible]	[illegible]	42. 446	8·9
*	18·484	−22·763	1·30	43. 436	9·4
.	18·520	[illegible]	− [illegible]	...	...
...	18·921	−[illegible]	− 5	..	..
201					
...	+18·712	−39·840	− 4	...	...
...	[illegible]	+22·287	− [illegible]	...	...
	19·560	−35·421	− 5	...	...
...	19·677	+24·825	− 3	...	...
†	[illegible]	[illegible]	− 4	...	...
..	21·143	−37·[illegible]	− 5	...	...
...	21·150	+ 7·411	0·70	...	...
...	21·347	−21·469	[illegible]	...	...
...	22·260	−48·174	− 4	...	...
..	22·405	+55·014	− 5	...	...

152, 15[illegible] 42 20, mass. 42 2[illegible], two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
211-240					
211				°	
...	+22·446	+18·720	−4	...	...
...	22·922	− 8·088	−5	*m*	...
...	23·434	−15·749	0·70	...	...
...	23·960	−57·046	−5	*m*	...
...	24·154	−10·400	−5	*m*	...
...	+24·205	+ 2·254	−4	...	...
...	25·819	−47·333	0·85	...	...
...	26·256	+52·623	−3	...	...
*	26·369	+52·721	1·00	42. 447	10·0
...	26·754	−39·920	0·90	...	...
221					
...	+26·861	− 1·975	−5	*m*	...
...	26·935	−47·372	−5	...	...
N †	27·387	−19·075	0·70	...	...
...	27·576	+59·830	−5	...	...
...	28·436	+13·706	−3	...	...
..	+29·230	+ 1·027	0·70	...	...
...	30·257	+24·350	−4	...	...
*	30·377	− 3·724	1·80	43. 437	8·2
...	30·713	−36·385	−5	...	...
*	30·717	+ 6·268	1·10	42. 448	10·1
231					
...	+30·936	+44·491	−4	...	...
...	30·954	−19·705	−5	...	...
*	31·496	−17·516	1·05	...	...
...	31·975	−27·909	−5	...	...
...	32·906	+29·518	−3	...	...
†	+33·382	− 9·594	0·70	...	...
...	33·512	+ 4·477	−2	...	...
...	33·656	−54·563	−5	...	...
*	33·683	+ 3·221	1·00	43. 438	10·1
...	33·776	+47·942	−5	...	...
241-270					
241					
...	+33·844	−42·116	0·75	.	...
...	34·898	−15·071	−2	.	.
...	35·818	−19·063	−3	.	..
...	36·403	+55·572	−4	...	...
...	37·054	+54·895	−4	...	...
S *	+37·609	+ 9·797	1·65	42. 449	8·4
...	37·736	+32·959	−4	...	...
...	37·850	+18·800	−5	...	..
...	37·861	+46·372	−4	...	.
*	38·388	+24·534	1·30	42. 450	9·2
251					
...	+38·408	−49·668	−4	...	...
S *	38·707	− 1·715	2·30	43. 439	7·8
*	39·124	−31·858	1·10	43. 440	10·2
...	40·565	−52·511	−4	..	...
...	41·003	+28·138	0·70	...	...
...	+41·894	+49·342	−3	...	...
*	42·331	+59·773	2·80	42. 451	8·2
...	44·126	+41·166	−3	...	...
...	44·343	−17·657	−3	...	...
...	45·461	−36·621	−5	...	...
261					
...	+45·555	+35·190	−5	...	...
...	45·673	−51·414	−2	..	...
...	45·757	−51·232	−4	...	...
...	46·488	−13·463	−4	...	...
...	47·479	+58·130	−5	...	..
...	+47·970	+17·679	−3	...	...
...	47·982	+36·907	−5	...	...
†	48·393	+ 0·382	−5	...	..
†	48·983	+25·304	−5	...	...
...	50·323	−11·462	−5	...	...
271-296					
271					
...	+50·526	−43·090	−5	...	...
†	50·876	+45·206	−5	.	..
...	50·896	−41·683	−4	...	...
...	50·900	−12·269	−1	...	...
...	50·909	−28·453	−1	...	..
...	+51·007	+18·752	−4	...	...
.	51·222	−50·136	−5	...	..
...	51·342	−49·260	−4	.	...
..	52·278	−36·021	0·70	...	...
...	52·487	+ 1·734	0·75	...	..
281					
*	+53·191	−42·809	1·15	43. 441	10·4
...	53·198	+18·877	−4	...	...
...	53·949	+12·367	0·85	.	...
...	53·739	+33·725	0·80	42. 452	10·0
..	53·933	+46·789	−4	.	...
...	+54·551	+14·519	−4	...	..
S *	55·041	+28·853	1·25	42. 453	9·5
...	55·225	−20·297	−4	...	...
...	55·329	−37·563	−5	...	..
...	56·100	−16·115	−4	...	...
291					
...	+56·767	−14·765	−4	...	...
...	56·792	+18·093	−3	...	...
...	57·134	−30·987	0·70	...	...
...	58·682	−34·937	−4	...	...
*	58·688	− 2·819	1·30	43. 442	9·8
...	+59·477	−30·678	−5	...	...

223. Obscured by fault: 2nd image measured and corrected.

1-20					
1				°	
...	−58·470	−12·327	0·70	...	...
...	57·972	−28·555	−1	...	...
...	57·601	−41·740	−4	...	...
...	57·291	+ 1·662	0·80	...	...
...	57·204	+46·728	−5	...	...
...	−57·019	−50·220	−5	...	...
*	57·006	+33·667	1·00	42. 452	10·0
...	56·917	−49·366	−5	...	...
...	56·788	+18·827	−4	...	...
...	56·454	+12·328	0·80	...	...
11					
...	−56·378	−36·085	0·80	..	...
...	55·634	+14·494	−5	...	...
S *	55·542	+28·845	1·20	42. 453	9·5
*	55·274	−42·842	1·10	43. 441	10·4
..	53·895	−20·286	−4	...	...
...	−53·510	+19·034	−3	...	...
...	53·140	−16·070	−4	...	...
†	52·526	−14·720	−5	...	...
...	51·084	−30·896	0·90	...	...
*	50·951	− 2·712	1·30	43. 442	9·8
21-40					
21					
...	−50·699	+29·429	−5	...	...
...	50·002	−34·808	−4	...	...
S *	49·625	+46·877	2·00	42. 454	8·6
...	49·349	−30·531	−4	...	...
...	49·260	+37·805	−3	...	...
...	−49·154	+51·576	−5	...	...
S *	48·267	−41·491	2·75	43. 443	7·8
...	48·176	−21·313	−4	...	...
*	47·939	−14·266	2·00	43. 444	8·8
...	47·822	−10·411	−5	...	..
31					
...	−47·257	−42·443	−5	...	...
...	47·233	+17·402	0·80	42. 455	10·1
...	45·867	+18·350	0·70	...	...
*	45·668	−21·547	1·10	43. 445	10·4
...	44·634	−41·930	0·70	...	...
...	−43·663	− 7·583	−5	...	...
...	42·425	+45·912	−4	...	...
*	41·897	−55·764	1·25	43. 446	10·2
...	41·884	− 5·283	−2	...	...
...	41·699	+14·753	−3	...	...
41-60					
41					
...	−41·667	−10·483	−4	...	...
*	40·944	−18·381	1·10	43. 447	10·4
...	40·752	−27·178	−5	...	...
...	38·726	−53·004	−3	...	...
...	38·361	−29·003	−3	...	...
...	−38·265	+37·827	−5	...	...
...	38·150	−19·383	−5	...	...
...	37·495	+39·157	−5	...	...
†	37·038	+ 5·277	−1	...	...
...	36·072	−25·927	−4	...	...
51					
...	−35·561	+13·854	0·70	...	...
...	35·411	−14·458	−3	...	...
...	34·320	−55·692	0·65	...	...
*	33·975	−16·899	1·10	...	...
...	33·716	+23·497	−4	...	...
...	−33·117	−45·074	−4	...	...
†	32·590	−34·523	0·80	...	...
*	31·979	+29·571	1·00	42. 456	10·1
...	31·879	−48·385	−3	...	...
...	31·731	−16·921	−5	A	...

S measured from 1. 128.
CH ,, ,, 66, 216.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
61–120					
61					
S *	−31·234	−13·995	1·35	43. 448	9·2
	30·967	− 3·9[illegible]	− 2	...	...
	30·885	−22·476	1·70	43. 449	8·6
	30·340	+51·259	1·10	42. 457	10·0
S *	30·131	−54·245	1·55	43. 450	9·0
...	−29·813	+14·148	− 5	...	...
	27·214	−56·986	− 3	...	...
...	26·804	+ 7·784	− 4	...	...
...	26·517	− 5·014	− 4	...	...
*	25·518	+16·318	1·05	42. 459	10·1
71					
*	−25·495	+21·897	1·40	42. 458	8·8
*	24·045	−14·758	1·00	...	...
...	22·841	+ 7·008	0·80	...	...
...	22·670	−56·462	− 5	...	...
...	21·878	+51·557	− 4	...	...
..	−21·647	−5[illegible]·235	− 3	...	...
*	21·329	− 9·737	1·05	42. 460	10·1
...	21·[illegible]37	−18·896	− 5	A	...
...	19·243	−10·692	− 4	A	...
...	18·382	+58·804	− 5	..	...
81					
.	−17·596	+ 3·299	− 4	...	...
...	17·301	− 7·764	− 5	B	...
...	17·003	−30·934	− 2	...	...
...	16·894	−44·105	− 3	...	...
...	16·853	+47·291	0·85	42. 461	10·1
*	−16·745	−15·793	1·10	...	...
.	16·655	−27·858	− 1	..	...
.	16·318	+11·934	− 2	.	..
..	16·272	+ 0·476	− 2	..	...
†	15·184	+26·641	1·10	42. 462	9·8
91					
†	−15·057	+35·846	− 2	...	...
...	14·830	−37·[illegible]19	− 2	...	...
	14·[illegible]4	+32·025	− 5		...
	14·524	+49·741	− 5	. .	...
	14·376	+30·852	− 4	. .	...
S *	−14·217	+14·108	1·18	42. 463	9·2
*	14·215	+34·269	1·20	42. 464	9·0
...	13·692	− 1·909	− 2	...	...
..	12·529	−15·526	− 1	...	...
S *	12·112	+ 7·859	1·35	42. 465	8·9
101					
	−11·557	+59·174	− 5	..	..
	11·534	−38·438	− 4	..	...
*	10·932	−52·079	1·25	43. 451	10·4
...	10·546	−43·811	− 4	..	...
.	10·070	−29·396	− 3	.	...
...	− 8·506	+36·971	− 3	.	...
	7·543	−42·689	− 2		...
...	6·898	+ 4·755	− 5		...
...	6·819	−26·607	− 4	..	...
	6·351	−11·443	− 5	B	...
111					
*	− 5·[illegible]14	−34·261	1·30	43. 452	8·8
	5·[illegible]13	+48·494	− 2		...
	5·009	+ [illegible]·[illegible]11	− 4		...
...	[illegible]·[illegible]53	+14·228	− 3	...	..
	4·623	− 0·401	− 4	A *m*	...
*	[illegible]·[illegible]91	+33·339	[illegible]·[illegible]30	42. 466	8·9
...	[illegible]·[illegible]06	−42·097	− 3	.	...
...	2·877	[illegible]·[illegible]03	− 4	...	..
S *	2·203	−19·401	1·18	43. 453	9·3
*	2·[illegible]01	+ [illegible]·[illegible]87	2·50	43. 454	8·0
121–180					
121					
*	− 1·762	+39·049	1·25	42. 468	8·9
...	1·722	+18·129	0·70	...	...
S *	1·301	+49·145	2·95	42. 469	7·6
...	1·062	−12·490	− 5	A *m*	...
...	0·932	+ 6·312	− 4	...	...
*	− 0·519	+44·957	1·05	42. 470	10·0
..	− 0·429	+53·277	− 5	...	...
...	+ 0·129	−33·393	− 5	..	...
...	0·612	−45·693	− 4	...	...
...	0·682	−43·525	− 3	...	...
131					
...	+ 0·729	− 6·110	− 2	...	...
*	0·739	+ 1·027	1·10	43. 455	9·4
...	0·796	+ 6·809	− 4	*m*	...
...	1·211	− 3·760	− 5	M *m*	...
...	2·250	−55·821	0·90	...	...
...	+ 3·096	+13·005	− 5	M *m*	...
*	3·922	−36·338	1·20	43. 456	9·4
...	4·045	+15·123	− 3	...	...
†	4·868	−32·294	− 5	...	...
†	4·878	−51·853	0·90	..	...
141					
...	+ 5·034	+ 6·545	− 5	*m*	...
*	5·051	+14·132	1·20	42. 471	9·2
...	5·256	+58·259	− 3	...	...
...	6·250	−16·324	− 5	..	...
*	6·275	+ 2·329	1·00	43. 457	10·0
...	+ 6·660	+46·365	− 4	...	...
*	6·993	+46·308	1·40	42. 472	8·8
...	7·026	+32·169	0·65	...	...
...	7·778	−50·312	− 5	..	...
...	8·360	−35·554	− 3	...	...
151					
...	+ 8·403	− 8·250	− 3	...	...
...	8·507	−49·682	− 4	...	...
..	8·613	+32·495	− 5	...	...
*	8·687	− 2·672	1·05	...	...
*	8·751	+28·680	1·30	42. 473	9·0
...	+ 8·905	−38·947	− 5	...	...
...	9·379	−19·375	− 4	..	...
	9·586	+18·731	0·85	42. 475	10·1
...	10·674	+26·578	− 3	...	...
...	10·829	+41·689	0·90	42. 476	10·0
161					
*	+11·230	+34·920	2·10	42. 477	7·8
...	11·529	− 4·331	− 1	...	...
...	11·815	+33·285	− 3	...	...
...	12·098	−28·421	− 5	...	...
*	12·202	+47·839	1·10	42. 478	10·0
*	+12·303	+35·432	1·20	42. 479	9·0
...	12·709	+36·212	− 5	...	...
...	13·148	−40·607	− 5	...	...
S *	13·271	+13·979	1·40	42. 480	8·4
...	13·553	−57·221	− 3	...	...
171					
...	+13·762	+36·657	− 5	*m*	.
...	14·423	−43·765	− 4	.	...
.	14·681	+52·621	− 4	...	...
‡	14·827	− 4·875	1·10	43. 458	9·6
...	15·012	−13·262	− 1	...	...
*	+15·242	− 1·877	1·25	43. 459	9·7
.	15·647	+59·508	− 5	...	...
*	16·723	−52·[illegible]77	1·15	43. 460	9·7
*	16·726	− 2·712	1·00	..	...
...	16·868	−24·892	− 4	...	..
181–240					
181					
...	+16·926	+27·991	− 3	...	...
*	17·719	−13·622	1·20	43. 461	9·4
...	17·736	+24·643	− 4	...	...
...	18·314	+ 8·335	− 5	...	...
...	19·242	+17·992	− 3	...	...
...	+19·265	−21·392	− 4	...	...
...	19·289	−21·690	− 5	...	...
*	19·382	+39·018	1·60	42. 482	8·6
...	20·032	+44·911	− 5	...	...
*	20·132	+39·833	1·20	42. 483	8·9
191					
*	+20·397	+45·780	1·00	42. 485	10·0
S ‡	20·419	+55·195	1·30	42. 484	8·8
*	20·615	+42·540	1·10	42. 487	9·6
*	20·663	+52·214	1·10	42. 486	9·5
...	20·955	+44·866	− 5	*m*	...
*	+20·961	−47·022	1·30	43. 462	9·4
...	21·282	−52·694	0·65	...	...
...	21·506	−48·584	− 4	...	...
...	22·317	+41·204	− 4	...	...
...	23·048	+40·852	− 5	*m*	...
201					
...	+23·477	−30·190	0·80	...	...
...	24·097	+32·631	− 4	...	...
...	24·191	−45·184	0·90	...	...
*	24·583	− 1·838	1·00	..	...
*	24·599	−25·832	3·00	43. 463	7·4
...	+24·666	+ 2·720	− 4	...	...
S *	25·194	−37·702	3·00	43. 464	7·4
*	25·744	− 2·547	1·30	43. 465	9·1
...	25·891	−48·552	− 1	...	...
...	26·335	−33·814	− 4	...	...
211					
...	+27·829	−29·321	− 3	...	...
*	28·517	−21·202	1·00	43. 466	9·8
*	29·007	+ 8·363	1·10	42. 488	9·8
...	29·352	+51·063	− 3	...	...
*	29·461	−25·006	1·60	43. 467	8·6
...	+30·669	+10·563	0·70	...	...
...	30·953	−31·190	− 4	...	...
...	31·240	+46·813	− 4	...	...
...	31·245	−37·508	− 5	...	...
...	31·378	+13·256	− 5	...	...
221					
...	+32·205	+11·204	0·80	42. 489	10·1
...	33·403	−15·422	− 5	...	...
...	33·540	+40·868	− 5	...	...
...	33·808	+ 2·315	− 4	...	...
...	33·818	+45·960	− 3	...	...
*	+33·846	+36·906	1·00	42. 490	10·1
S *	34·324	+19·756	1·35	42. 491	8·7
†	34·776	+37·196	− 5	...	...
..	35·026	− 8·866	− 4	...	...
*	35·323	−43·274	1·10	...	...
231					
...	+35·489	+13·644	− 4	...	...
...	35·756	−24·012	− 3	...	...
*	35·843	−43·975	1·20	...	...
...	36·617	−37·960	− 4	...	...
...	37·761	+ 8·219	− 5	*m*	...
..	+37·948	−51·920	0·70	...	...
...	38·238	+11·149	− 5	*m*	..
	38·[illegible]78	−24·045	0·70	...	...
...	39·53[illegible]	−30·755	− 4	...	...
*	39·665	−11·493	1·05	..	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
241–260					
241					
...	+39·964	+37·502	−4	...	...
*	40·563	+ 3·250	1·1	43. 468	9·8
...	40·619	−52·024	−4	...	...
...	41·105	+ 7·199	−4	*m*	...
...	41·472	+ 3·[illegible]4	−5	...	...
...	+41·735	+28·638	−5	...	...
...	41·954	+20·781	0·65	...	...
...	42·031	+35·453	−4	...	...
...	42·858	+ 8·295	−2	...	...
...	43·150	−31·530	−4	...	...
251					
...	+43·459	+59·394	−4	...	...
...	44·[illegible]67	+41·962	−5	*m*	...
...	44·592	+35·940	−2	...	...
...	44·991	−54·668	0·80	...	...
...	45·204	+32·52[illegible]	−3	...	...
...	+46·212	+18·596	−5	...	...
...	46·450	−14·367	0·75	...	...
...	47·523	+30·443	−4	...	...
*	47·761	+16·679	1·70	42. 492	8·9
...	47·936	+31·631	−4	...	...
261–279					
261					
*	+48·240	− 4·226	1·10	43. 469	9·8
S *	48·314	39·[illegible]46	1·3[illegible]	43. 4[illegible]0	8·8
...	48·863	+46·988	−2	42. 493	10·1
*	49·928	+28·419	1·20	42. 494	9·8
...	51·199	+18·958	1	...	...
...	+51·618	− 8·406	−5	...	...
...	52·646	+18·201	−4	...	...
...	52·683	−13·33[illegible]	−3	...	...
...	52·980	18·172	−5	...	...
...	53·106	12·481	−4	...	...
271					
...	+53·142	−30·188	−5	...	...
...	53·276	+17·985	−2	...	...
*	53·729	+18·800	1·20	42. 495	9·8
...	54·055	+32·789	−5	...	...
...	54·796	− 7·467	−2	...	...
...	+54·938	+16·835	−4	...	...
...	56·319	+48·699	−5	...	...
...	58·149	+28·335	−5	...	...
...	58·747	− 3·483	−4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–30					
1					
...	−59·104	+18·841	−2	...	...
...	57·842	− 8·501	−5	...	...
...	57·624	+18·126	−4	...	...
...	57·621	+11·198	−5	M	...
...	57·298	+18·113	−5	...	...
...	−57·009	+12·423	−4	...	...
...	56·976	+17·934	−2	...	...
...	56·674	+17·333	−5	M	...
...	56·649	+32·745	−5	...	...
...	56·644	−13·394	−3	...	...
11					
*	−56·573	+18·760	1·05	42. 495	9·8
...	55·986	+27·880	−5	M	...
...	55·692	−30·215	−4	...	...
...	55·281	+16·824	−4	...	...
...	54·872	+48·717	−4	...	...
...	−54·721	− 7·469	−1	...	...
...	52·434	+28·415	−5	...	...
...	51·941	−51·530	−5	...	...
...	50·878	− 3·37[illegible]	−3	...	...
...	50·200	−59·545	−4	...	...
21					
...	−49·77[illegible]	+54·690	0·90	42. 496	9·6
...	48·921	−15·663	−3	...	...
...	47·832	+ 7·339	−2	...	...
...	47·586	−51·959	−5	...	...
...	47·017	+ 4·489	−1	...	...
*	−46·911	−41·447	1·20	43. 471	9·4
...	46·037	+ 0·307	−1	...	...
...	45·586	−27·766	−5	...	...
...	45·537	+49·962	−5	...	...
...	45·116	+ 4·758	−5	...	...
31–60					
31					
...	−45·034	−13·439	−4	...	...
S ‡	44·884	−44·095	1·33	43. 472	8·8
...	44·305	−35·809	−4	...	...
...	43·851	+ 8·038	−2	...	...
...	43·657	−45·809	−2	...	...
...	−43·552	−41·886	−5	...	...
*	43·398	− 0·883	1·20	43. 473	9·6
...	43·356	−19·223	−3	...	...
...	43·038	−44·093	−2	...	...
...	42·714	+ 0·507	−5	...	...
41					
...	−42·713	+ 9·924	−5	M	...
...	41·935	+58·362	−5	...	...
...	41·891	−25·998	−5	...	...
...	41·773	+ 9·102	−5	M	...
*	41·310	+20·541	1·15	42. 497	9·4
...	−40·919	+30·810	−3	...	...
*	40·680	− 2·219	1·00	...	...
*	40·562	+16·396	1·2[illegible]	42. 498	9·4
...	39·733	−34·9[illegible]	−3	...	...
...	38·925	−11·177	−1	...	...
51					
S *	−38·884	+45·691	1·35	42. 499	8·7
...	38·874	+ 2·322	−1	...	...
*	37·660	−34·911	1·10	43. 474	9·8
*	37·583	−34·230	1·05	43. 475	9·8
...	37·335	+ 1·571	−2	...	...
...	−36·507	+55·866	−4	...	...
*	36·333	+26·557	1·05	42. 500	9·6
*	35·785	−15·221	1·20	43. 476	9·4
...	35·698	+54·784	−3	...	...
*	35·084	−48·570	1·30	43. 477	9·2
61–90					
61					
...	−34·876	+26·835	−5	B	...
...	34·503	+ 5·614	0·90	...	...
‡	34·386	− 4·745	1·00	...	...
*	33·833	−38·553	1·15	43. 478	9·6
...	33·209	−30·797	−4	...	...
*	−33·014	−16·148	1·00	...	...
...	32·945	+19·542	−5	...	...
...	32·521	+41·419	−4	M	...
...	31·859	+31·966	−3	...	...
*	31·606	−18·176	1·15	43. 479	9·8
71					
...	−30·575	+17·929	0·75	...	...
...	30·041	−16·940	−4	...	...
...	28·929	−36·512	−5	...	...
...	28·926	−26·956	0·70	...	...
*	28·694	+4[illegible]·561	1·20	42. 501	8·9
...	−28·443	−31·[illegible]55	0·80	...	...
...	27·617	+59·105	−4	...	...
...	27·564	−16·063	−4	...	...
...	27·482	−3[illegible]·183	−2	...	...
...	27·302	−28·49[illegible]	−5	...	...
81					
...	−25·920	−17·574	−5	...	...
...	25·492	+52·421	0·70	42. 502	10·1
...	24·411	+51·011	0·90	42. 503	10·1
...	24·244	−39·163	−4	...	...
...	23·261	− 4·071	−4	...	...
...	−23·184	− 7·37[illegible]	−5	...	...
...	22·533	−47·973	−1	...	...
*	21·829	− 1·300	1·10	43. 481	9·7
S *	21·704	−49·842	1·33	43. 480	9·0
...	21·442	+ 2·840	−5	M	...

CH measured from [illegible]
S ,, ,, 73, 229.

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
91–150					
91					
...	−21·396	+ 0·708	− 5	M	...
..	21·362	−40·955	0·80	...	...
...	20·943	−21·995	− 2	...	...
...	20·457	+ 6·448	− 3	...	...
...	20·174	+32·247	− 5	...	...
...	−20·111	+16·785	− 1	...	...
...	19·895	−31·390	− 2	...	...
	19·882	−40·090	− 2	...	...
...	19·545	+40·391	− 5	...	...
...	19·511	+25·887	− 5	...	...
101					
...	−19·181	+25·231	− 3	...	...
..	19·130	+34·963	− 5	M	...
*	18·976	−39·194	1·40	43. 482	8·8
...	18·762	+ 3·806	− 5	M	...
...	18·717	−43·829	− 5	...	...
*	−18·639	+28·406	1·30	42. 504	8·8
...	18·297	+43·123	− 5	M	...
..	18·086	−24·929	− 5	...	...
*	17·920	+31·176	1·15	42. 505	9·5
..	17·881	+23·604	− 5	M	...
111					
...	−17·361	+ 4·538	− 5	M	...
...	16·364	−57·591	− 5	...	...
...	16·148	+ 1·385	− 1	...	...
.	16·016	+27·783	− 5	M	...
...	15·549	− 7·278	− 2	...	...
...	−15·264	+39·114	− 3	...	...
*	14·938	+ 7·968	1·00	42. 506	10·1
..	14·649	+56·193	− 4	...	...
...	13·580	−41·123	− 4	...	...
...	13·218	+ 3·460	− 4	M	...
121					
...	−12·854	−35·937	− 5	.	...
*	12·703	−58·243	1·00	...	...
...	12·611	− 7·267	− 2	...	...
..	11·922	− 54·381	− 5	...	...
.	11·364	+ 4·407	− 5	M	...
.	−10·979	−35·351	− 4	...	...
S *	10·417	+55·502	3·05	42. 507	6·8
...	9·658	+ 8·535	− 5	.	...
...	9·590	−28·477	− 5	A	...
S *	9·362	− 4·540	1·20	43. 483	9·1
131					
*	− 9·115	+44·617	1·50	42. 510	8·6
*	9·067	+ 25·393	1·05	42. 508	9·8
*	8·982	+26·093	1·20	42. 509	9·0
...	8·924	+ 52·453	− 4	...	...
...	8·708	+52·696	− 4	M	...
.	− 8·548	+ 7·760	− 5	M	...
.	8·220	+39·758	0·80	...	...
...	7·125	−16·413	− 1	.	...
...	6·849	+36·099	− 5	M	...
...	6·841	−58·401	− 3	...	...
141					
	− 6·678	+20·115	− 4	.	..
.	5·595	+52·281	− 5	.	...
−	5·133	+30·811	1·00	42. 511	10·0
	5·410	+56·777	− 3	.	...
...	5·292	−27·036	− 5	...	...
...	− 5·251	+45·001	− 4	.	..
	4·170	−28·358	− 3	...	...
...	3·918	+ 1·110	− 4	m	..
	3·724	−50·147	− 5	m	...
...	2·845	+ 7·411	− 5	M m	...

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
151–210					
151					
...	− 2·701	−38·219	− 3	...	...
...	2·688	+19·696	− 5	M	...
...	1·476	+57·141	− 3	...	...
...	1·290	−30·785	− 3	...	...
...	0·726	−40·236	− 5	...	...
†	− 0·029	−49·192	0·80	...	...
...	− 0·006	−11·710	− 4	...	...
*	+ 1·128	−26·198	1·20	43. 484	9·4
...	1·200	−15·242	− 4	...	...
*	1·235	−55·646	1·20	43. 485	9·6
161					
...	+ 1·586	−15·904	− 2	...	...
...	2·179	+52·794	− 4	...	...
S *	2·874	+27·118	1·15	42. 512	9·5
*	3·141	−31·310	1·00	...	...
...	4·311	−33·257	0·65	...	...
...	+ 4·562	+49·677	− 4	...	...
†	4·799	+43·272	− 1	.	...
...	4·800	+17·044	− 4	...	...
...	4·865	−51·384	− 5	...	...
...	4·917	−58·300	− 2	...	...
171					
...	+ 5·081	−45·345	− 3	...	...
...	5·262	−36·370	− 5	M	...
...	5·366	−19·583	− 1	...	...
...	5·628	+48·279	− 5	...	...
...	6·470	−37·805	− 5	...	...
...	+ 7·970	−39·920	0·85	...	...
...	8·297	−57·438	− 5	...	...
...	9·199	+22·601	− 5	m	...
...	9·912	+49·642	− 3	..	...
...	10·277	+21·271	− 4	...	...
181					
...	+10·282	−44·319	− 5	...	...
...	11·521	−10·544	− 5	...	...
...	11·776	+35·114	− 5	...	...
...	11·893	−57·033	− 5	...	...
...	11·972	+12·306	− 4	...	...
...	+12·286	+ 1·751	− 4	...	...
...	12·478	+14·111	− 5	...	...
...	12·573	−13·188	− 5	...	...
...	12·616	+ 9·214	− 3	...	...
...	13·895	+25·617	− 3	...	...
191					
...	+14·079	+13·605	− 5	m	...
*	14·472	−19·225	1·05	43. 486	9·8
...	14·475	+38·868	− 3	...	...
...	14·713	+58·601	− 5	...	...
...	15·030	−35·752	− 4	...	...
...	+15·057	−36·657	− 2	...	...
...	15·070	+51·238	− 5	...	...
*	15·262	−25·264	1·10	43. 487	9·6
...	15·644	−32·005	− 2	...	...
...	15·748	+16·109	− 5	...	...
201					
*	+16·220	− 5·504	1·00	43. 488	9·8
*	16·341	+ 2·015	1·00	43. 489	9·8
...	16·519	+ 38·147	− 4	...	...
..	16·682	−45·753	0·65	...	...
S *	17·327	−31·798	1·40	43. 490	8·4
...	+18·269	+26·836	− 1	...	...
...	18·675	+24·321	− 3	..	...
...	18·978	+ 35·597	− 5	...	...
...	20·504	+31·538	− 5	m	...
...	20·983	+22·278	− 1	...	...

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
211–270					
211					
...	+22·245	+23·723	− 5	...	...
...	22·663	−40·874	− 5	...	...
...	23·396	+26·230	− 4	...	...
...	24·354	+16·070	− 4	...	...
...	24·496	−23·262	− 5	...	...
...	+24·537	+49·094	− 5	m	...
...	24·648	+ 7·725	− 3	...	...
...	25·888	+43·234	− 5	...	...
*	26·059	+56·615	5·40	42. 513	5·7
...	26·198	−49·309	− 4	...	...
221					
...	+26·301	−34·063	0·70	...	...
†	27·831	+55·075	− 4	...	...
...	28·469	+51·290	− 4	...	...
...	28·673	+33·995	− 5	...	...
*	28·821	−43·714	1·00	...	...
...	+29·648	+14·607	− 4	...	...
...	29·744	− 5·764	− 5	m	...
...	29·747	−28·935	− 5	...	...
...	29·944	+58·116	− 5	...	...
...	30·132	−35·106	0·65	..	...
231					
S *	+30·146	+18·277	1·43	42. 514	8·0
...	30·433	−57·955	− 2	...	...
...	30·514	+50·532	− 5	...	...
...	30·730	+50·421	− 5	...	...
*	31·007	− 5·860	1·00	...	...
...	+31·817	−52·881	− 5	...	...
...	32·665	+55·881	− 3	42. 515	10·0
...	34·160	+44·247	− 4	...	...
...	34·673	− 8·136	− 5	m	...
...	35·611	−17·102	− 5	...	...
241					
*	+35·641	+27·125	1·20	42. 516	8·8
...	36·212	−30·953	− 4	...	...
...	36·403	−39·423	0·85	...	...
...	36·529	−11·406	0·80	...	...
S *	37·383	−12·130	1·30	43. 491	8·6
...	+37·652	+10·373	− 2	42. 518	10·1
†	37·694	+10·247	− 4		
...	37·792	+ 5·542	0·80	42. 520	10·1
...	37·838	+52·335	− 1	42. 517	10·1
...	38·116	+ 3·285	− 2	...	...
251					
S *	+38·293	+40·532	1·40	42. 519	8·7
†	39·744	+ 4·347	− 3	...	...
*	40·369	−17·606	1·00	...	...
...	41·065	+54·172	− 4	...	...
...	41·163	−47·052	− 5	...	...
...	+41·223	−36·846	− 4	...	...
...	42·287	+44·822	− 5	...	...
...	43·019	+54·314	− 5	...	...
...	43·825	−21·277	− 2	...	...
...	43·988	+ 6·483	− 1	...	...
261					
...	+44·614	− 1·653	− 3	...	...
...	44·615	− 6·294	− 5	...	...
...	44·864	+ 4·607	− 5	...	...
...	45·045	+19·579	− 5	...	...
...	45·222	−51·225	− 2	...	...
...	+46·308	+ 3·562	− 4	...	...
...	46·474	−22·865	− 3	...	...
...	47·055	−45·797	− 3	...	...
...	47·216	−20·161	− 5	...	...
...	47·260	+12·113	− 5	m	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
	271-280				
271			°		
...	+48·700	−31·995	− 5	...	...
...	49·154	+46·340	− 3	...	...
...	51·153	−25·885	− 5	...	...
...	51·725	−17·208	0·75	...	...
†	51·850	+20·256	− 5	...	...
...	+52·364	−32·430	− 3	...	...
...	53·659	− 9·110	− 5	...	...
†	54·691	+ 3·397	− 4	...	...
†	54·713	+20·748	− 1	42. 521	10·0
...	55·219	+20·780	− 5	...	...
	281-290				
281					
*	+55·229	+11·735	1·10	42. 522	10·0
*	56·408	−36·855	1·10	43. 492	9·8
...	56·697	− 0·226	− 5	...	...
...	57·673	+49·730	0·65	42. 523	10·0
...	57·841	+20·734	− 4	...	...
...	+58·530	−52·776	− 5	...	...
...	58·719	+25·002	− 5	...	...
...	59·093	−14·296	− 4	...	...
...	59·238	−15·783	− 4	...	...
S *	59·436	+ 7·781	1·33	42. 524	9·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
	1-40				
1			°		
†	−58·471	+20·161	− 5	...	...
...	57·781	−25·981	− 5	...	...
...	57·490	−17·292	0·70	...	...
...	56·387	−32·486	− 3	...	...
...	55·777	− 9·136	− 5	...	...
*	−55·623	+20·730	1·10	42. 521	10·0
...	55·432	+16·039	− 5	...	...
...	55·130	+20·792	− 5	...	...
...	55·130	+ 3·392	− 3	...	...
*	54·842	+11·735	1·10	42. 522	10·0
11					
*	−53·530	+49·779	1·10	42. 523	10·0
...	53·020	− 0·192	− 5	E	...
...	52·500	+20·810	− 3	...	...
*	52·225	−36·784	1·10	43. 492	9·8
...	51·903	−44·578	− 5	...	...
...	−51·754	+25·104	− 4	...	...
...	51·344	+36·353	− 5	...	...
...	51·037	+43·918	− 5	...	...
...	51·003	−59·447	− 5	...	...
S *	50·520	+ 7·916	1·28	42. 524	9·0
21					
...	−50·210	−14·158	− 2	...	...
...	50·033	−15·647	− 3	...	...
...	49·628	−52·646	− 5	...	...
...	48·061	−21·144	− 2	...	...
...	47·011	−32·384	− 5	...	...
...	−46·378	− 7·963	− 5	...	...
...	45·989	−16·720	− 2	...	...
*	44·642	+48·098	1·20	42. 525	9·8
...	44·483	+ 2·081	− 3	...	...
...	44·376	−43·391	− 4	...	...
31					
...	−44·032	− 1·080	− 5	...	...
...	43·897	−27·266	− 5	...	...
...	43·764	− 8·080	− 4	...	...
*	43·108	+50·340	1·30	42. 526	9·6
...	40·872	−34·889	− 4	...	...
...	−40·676	+43·135	− 5	...	...
...	40·572	− 9·805	− 5	M	...
...	40·407	−12·786	− 5	...	...
S *	39·232	+43·249	1·15	42. 527	9·8
...	38·771	− 4·044	− 4	...	...
	41-80				
41					
...	−38·691	−49·061	− 4	...	...
...	38·520	−42·392	− 5	...	...
...	38·181	−12·688	− 5	...	...
	37·988	−20·660	− 2	...	...
...	37·706	+ 8·138	− 3	...	...
...	−37·470	+15·376	− 4	...	...
...	37·307	−17·112	− 4	...	...
...	37·165	+ 7·702	− 5	...	...
S *	36·391	−12·217	1·25	43. 493	9·0
*	36·246	+33·198	1·20	42. 528	10·0
51					
...	−36·241	− 5·737	− 2	...	...
S *	36·151	−35·042	1·23		
*	35·910	−35·205	1·00	43. 494	9·0
*	34·844	+ 2·172	1·00	43. 495	10·1
...	34·787	+26·266	− 3	...	...
...	−34·447	+41·079	− 1	...	...
...	33·663	−14·948	− 5	M	...
...	33·298	+18·571	− 4	...	...
...	33·104	+31·477	− 4	...	...
...	32·997	+13·362	− 3	...	...
61					
...	−32·902	+ 8·516	− 4	...	...
...	32·078	−37·335	− 3	...	...
...	31·957	−39·790	− 1	...	...
...	31·695	−18·323	− 4	...	...
...	31·627	−45·414	− 5	...	...
...	−31·625	−27·269	− 4	...	...
*	31·526	+51·250	1·30	42. 529	9·4
...	31·456	+10·830	− 4	...	...
...	30·878	−36·245	− 4	...	...
...	30·783	+19·519	− 4	...	...
71					
...	−29·309	− 3·577	− 1	...	...
...	28·848	−30·270	− 4	...	...
*	28·645	+15·703	3·00	42. 530	7·4
...	28·255	+45·518	− 4	...	...
...	28·079	− 0·807	− 5	...	...
...	−27·612	+ 4·100	− 2	...	...
...	27·500	−58·014	− 5	...	...
...	27·438	−45·270	− 5	...	...
...	27·271	+30·819	− 2	...	...
...	25·849	−35·268	− 5	M	...
	81-120				
81					
...	−25·835	+38·756	− 5	...	...
...	25·367	− 2·144	− 2	...	...
...	25·355	−25·599	− 3	...	...
...	25·076	−27·908	− 5	...	...
*	24·671	+48·023	1·00	...	...
...	−24·454	−50·825	− 3	...	...
...	24·161	−46·276	− 4	...	...
...	23·908	+49·257	− 4	...	...
...	23·140	+32·001	− 3	...	...
...	23·053	+35·411	− 5	...	...
91					
...	−22·914	+36·178	− 4	...	...
...	22·264	+33·081	− 3	...	...
*	21·791	−26·934	1·10	43. 496	9·4
...	21·508	−19·825	− 3	...	...
...	21·285	−42·610	− 5	...	...
...	−21·184	+32·651	− 5	...	...
...	20·933	−29·507	− 5	...	...
*	20·790	+23·115	1·00	42. 531	10·1
...	20·349	+38·698	− 4	...	...
†	20·273	+15·275	0·70	...	...
101					
...	−19·152	+ 5·212	− 2	...	...
...	18·720	−56·755	− 5	...	...
...	18·513	− 7·291	− 5	...	...
...	18·069	+23·450	− 3	...	...
...	17·742	−31·135	− 5	...	...
*	−17·332	+43·639	2·80	42. 532	7·5
...	17·199	−10·081	− 4	...	...
...	17·198	+ 2·130	− 4	...	...
...	17·021	+ 7·842	− 4	...	...
...	16·837	−24·534	− 4	...	...
111					
...	−16·757	−25·164	− 3	...	...
S *	15·994	+12·189	1·95	42. 533	8·2
...	15·725	−26·917	− 5	...	...
...	14·436	−10·899	0·70	...	...
...	13·816	−30·176	− 5	...	...
...	−12·672	−48·798	− 1	...	...
...	12·564	−20·559	− 3	...	...
...	12·479	− 6·597	− 5	...	...
...	12·134	− 9·541	− 5	...	...
...	12·076	−25·625	− 3	...	...

CH measured from 1, 152.
B ,, ,, 71, 232.

121–180

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
121				°	
...	−11·882	+22·773	−5	..	...
..	11·887	−58·304	−5	..	...
†	11·932	−18·812	−5	M	...
..	10·921	−1·838	0·70	...	...
...	10·[illegible]	+25·[illegible]	−3	..	...
...	−10·337	+9·[illegible]	−5	..	...
...	10·234	−11·163	0·65	.	...
.	10·224	+32·808	−1	...	...
†	11·022	−21·[illegible]	−2	...	...
..	9·88[illegible]	+39·066	−5	..	...
131					
..	−9·6[illegible]	−24·684	−5	...	...
...	7·663	−24·349	−2	...	...
..	7·533	+59·027	−5	...	..
..	7·[illegible]62	−45·708	0·70	...	...
*	6·946	−14·347	1·00	43. 497	9·8
...	−6·755	−14·356	−5	...	...
...	6·515	−16·279	−3	...	...
...	5·74[illegible]	+9·250	−2	..	...
...	5·715	−16·602	0·65	...	...
..	5·305	+18·985	−1	...	...
141					
*	−3·071	−11·965	1·10	43 498	9·6
S *	2·447	+56·108	1·35	42. 534	8·9
*	2·152	+22·158	1·[illegible]	42. 535	8·6
†	1·270	+40·238	−5	...	...
*	1·171	−28·476	1·10	43. 499	9·6
...	−0·885	+58·330	0·90	42. 536	10·1
*	0·885	−12·254	1·20	43. 500	9·4
*	0·798	+33·186	1·00	42. 537	10·1
...	0·688	+35·280	−3	...	...
...	0·318	+22·405	−2	...	...
151					
.	−0·294	+37·917	−5	...	...
...	−0·117	+20·441	−2	..	...
...	+0·253	−1·[illegible]	−1	...	..
...	0·[illegible]1[illegible]	+18·814	−1		...
*	1·[illegible]	+1·[illegible]	1·[illegible]	...	...
S *	+1·075	−38·424	1·95	43. 501	8·5
...	1·172	−5·341	−5	M *m*	...
...	1·273	−20·785	−5	...	...
	1·928	−14·032	−3	...	...
...	2·430	−1·233	−2	..	...
161					
*	−2·44[illegible]	+15·972	1·05	42. 538	10·1
.	2·584	+24·485	−4	...	...
...	2·648	−12·791	−5	...	...
.	2·701	+0·025	−5	M *m*	...
.	2·702	+33·884	−5	...	...
.	3·[illegible]	−35·[illegible]	−4		...
.	4·244	−33·[illegible]	−5		...
.	4·[illegible]	+4·[illegible]	0·65		
.	4·825	−3·[illegible]	0·80		...
	5·501	+7·251	−5	*m*	...
171					
...	+5·[illegible]	+38·484	−2		.
...	5·681	+25·[illegible]	−4		..
...	[illegible]	−32·688	−5		.
...	6·816	−3·[illegible]	−4	...	...
	6·983	−23·865	−5	*m*	
.	+7·326	+8·057	−5		...
*	7·336	+48·027	1·80	42. 539	8·5
...	7·[illegible]	+14·063	−5	*m*	...
...	8·665	+9·186	−5		
...	8·882	+22·082	−5	...	

181–240

Notes.	Co-ordinates. x.	y.	Diam. −z.	C.P.D. No.	Mag.
181				°	
*	+9·000	−14·553	1·05	43. 502	9·8
...	9·824	+57·761	−4	...	...
†	9·903	−22·539	−5	...	...
*	10·087	+14·161	1·25	42. 540	9·4
...	10·442	+32·081	−5	*m*	...
...	+10·848	−46·344	−4	...	...
*	10·9[illegible]	+26·490	2·70	42. 541	7·5
*	11·472	−39·744	1·20	43. 503	9·8
...	11·726	+12·736	−4	...	...
...	11·908	+21·967	−5	*m*	...
191					
*	+11·948	+26·681	2·00	42. 542	8·2
*	12·810	+24·778	3·00	42. 543	7·5
...	12·909	−10·444	−5	*m*	...
...	13·14[illegible]	+13·103	−5	...	...
*	13·447	−19·665	1·15	43. 504	9·7
*	+14·145	−31·604	1·30	43. 505	8·8
...	14·397	−9·873	−4	*a*	...
S *	14·459	+51·917	2·40	42. 544	7·8
†	14·898	−21·825	−2	...	...
...	15·313	+38·903	−4	...	...
201					
*	+15·338	−29·233	1·30	43. 506	9·4
...	15·356	−26·394	0·70	...	...
S *	15·767	+13·174	2·00	42. 545	8·1
*	16·477	+58·400	1·55	42. 546	8·4
*	16·513	+34·149	1·25	42. 547	9·3
...	+16·618	−31·260	−4	...	...
...	18·164	+59·062	−1	..	...
*	18·199	+16·886	1·20	42. 548	9·6
...	18·869	−0·105	−4	...	...
...	19·208	+32·695	−5	...	...
211					
*	+19·696	−43·199	1·10	43. 507	9·6
...	20·226	−39·170	−5	...	...
..	20·731	+29·829	−1	...	...
...	20·808	−44·188	−5	*a*	...
...	21·258	+21·724	−5	...	...
*	+22·348	−53·102	1·10	43. 508	9·8
...	22·763	−19·269	−4	...	...
...	22·897	−18·735	−4	...	...
...	23·715	−24·223	0·75	...	...
..	23·716	−31·270	−5	*m*	...
221					
*	+23·966	−5·726	1·20	43. 509	9·6
...	24·892	+26·086	−3	...	..
...	25·064	−55·[illegible]	−5	...	...
...	25·[illegible]	+2·733	−5	*m*	...
.	26·[illegible]	+13·476	−5	.	...
.	+26·100	+42·200	−2	..	...
.	26·308	−41·301	−2	.	.
..	26·472	+13·444	−4		...
...	26·594	−50·389	0·80	...	...
...	26·991	−34·904	−3	...	...
231					
*	+27·338	+0·733	1·00	..	. .
.	27·672	+36·942	−5	...	...
.	28·048	+5·192	0·70	.	
...	28·062	−26·[illegible]	−3	...	..
.	28·241	−15·985	−5	*m*	...
.	+29·163	−28·165	−5	*m*	...
*	29·670	−32·982	1·15	43. 510	9·8
S *	29·95[illegible]	−44·134	1·[illegible]	43. 511	9·3
. .	32·[illegible]02	+30·444	−1	...	...
...	32·529	+3[illegible]·196	−5	...	...

241–290

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
241				°	
...	+32·681	+27·893	0·65	...	...
...	33·073	−12·197	−4	...	...
*	33·646	−13·478	2·20	43. 512	8·0
..	34·303	−40·366	0·75	...	...
...	34·500	+21·243	−5	...	...
...	+35·147	+12·261	−5	*m*	...
...	35·489	−2·104	−3	...	...
..	36·473	−19·721	−3	...	...
...	36·781	−41·374	−1	...	...
...	37·332	−18·842	−5	...	...
251					
...	+38·041	+21·827	−4	...	...
...	38·495	−26·493	−5	...	...
...	38·814	+55·715	−5	...	...
†	39·802	−28·974	−1	...	...
...	41·001	+8·515	−2	...	...
...	+41·344	+27·885	−5	*m*	...
.	41·412	−13·043	−4	...	...
..	42·162	−45·103	−3	...	...
...	42·388	+34·924	−5	...	...
*	42·708	+4·240	1·40	42. 549	8·8
261					
..	+42·860	+29·442	−4	...	...
...	43·114	−16·018	0·70	...	...
*	43·203	−27·383	1·40	43. 513	8·8
...	43·471	+52·032	−5	...	...
†	44·627	+47·478	−4	...	...
...	+44·928	+48·386	−5	...	...
*	45·476	+35·191	1·00	42. 550	10·1
...	45·509	−27·118	−5	...	...
...	46·661	−7·201	−5	...	...
...	46·818	−27·253	−5	...	...
271					
...	+47·[illegible]79	+14·247	−3	...	...
...	47·788	+40·821	−5	...	...
...	48·425	+28·461	−5	...	...
...	48·435	−30·002	−5	...	...
S *	48·715	−13·959	1·45	43. 514	8·6
...	+48·978	−59·240	−4	...	...
...	49·110	+36·686	−2	...	...
...	50·134	+46·606	−5	...	...
...	50·428	+5·928	−5	*m*	...
...	51·237	+8·883	−4	...	...
281					
...	+52·103	−20·687	−5	...	...
*	52·535	−51·499	1·00	43. 515	9·8
*	52·786	+13·431	1·00	...	...
...	53·032	−27·468	−5	...	...
*	54·261	+15·617	1·10	42. 551	9·6
...	+55·858	+44·936	−4	...	...
...	55·925	−1·554	−4	...	...
...	56·702	−23·691	−3	...	...
*	58·338	+7·209	1·10	42. 552	10·0
...	58·910	−24·395	−3	...	...

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
	1–60				
1					
...	−59·057	−29·423	− 5	..	..
...	58·967	−59·391	− 4	.	...
..	58·[illegible]	+ [illegible]	− 5	..	...
...	57·334	+13·354	0·85	...	..
*	55·934	+15·579	0·95	42. 551	9·6
...	−55·013	−51·541	0·95	43. 515	9·8
...	55·2[illegible]	+44·919	− 4	...	..
...	53·748	− 1·534	− 5	.	...
...	52·305	−23·617	− 4	...	...
...	52·039	−51·934	− 5	...	..
11					
*	−51·599	+ [illegible]	0·90	42. 552	10·0
...	50·071	−24·254	− 3	...	...
...	49·929	+ 1·642	− 4		...
...	47·541	+ 4·800	− 5	..	...
...	47·487	+16·548	− 3		...
...	−47·375	− [illegible]	− 1	...	...
...	47·181	+12·552	0·85	..	...
S *	46·161	−10·856	1·25	43. 516	8·8
...	45·113	+57·006	− 2	42. 555	10·1
...	46·101	+14·668	0·95	42. 554	10·0
21					
*	−46·087	+ 5·547	1·00	42. 553	9·4
S *	45·473	+26·324	1·45	42. 556	8·8
...	45·362	+ 1·427	− 2	...	...
...	45·273	+ 1·176	− 2	...	...
...	45·101	− 3·092	− 2	...	...
*	−45·393	+42·401	1·00	42. 557	9·2
...	42·518	+23·296	0·70	...	...
...	42·417	+36·850	− 2	...	...
...	42·264	−41·570	0·65	...	...
*	41·982	+20·367	1·20	42. 559	8·9
31					
...	−41·110	−37·033	− 5	...	...
...	40·813	+ 8·399	− 5	...	...
...	40·704	−14·778	0·80	...	...
*	38·510	+15·151	1·00	42. 560	9·2
...	38·477	−39·002	− 5	...	...
*	−38·296	−31·911	1·05	43. 517	9·0
...	37·727	−23·444	− 2	...	...
*	36·444	+41·653	1·00	42. 561	9·4
...	36·033	+31·777	− 2	...	...
*	35·360	−22·779	0·95	43. 518	9·8
41					
...	−34·122	+47·502	− 3	...	...
*	33·356	+38·508	1·00	42. 562	10·0
...	32·214	−46·565	− 5	...	...
...	32·167	−37·368	0·90	43. 519	9·8
...	29·993	+46·269	− 4	...	...
...	−29·045	−31·088	− 5	...	..
...	27·721	−37·761	0·95	43. 520	9·6
...	26·505	+31·863	− 2	...	...
*	25·578	+47·284	1·20	42. 564	9·4
...	25·448	− 7·667	0·70	...	...
51					
†	−24·744	+29·274	− 4	..	...
...	24·450	+37·140	− 5	...	...
*	23·393	+16·047	1·00	42. 565	9·8
‡	22·952	−39·885	1·00	43. 521	9·7
...	22·638	+54·205	− 4	...	...
*	−21·736	+25·065	1·00	42. 566	9·6
...	21·697	+41·301	− 4	...	...
...	19·009	− 2·748	− 5	...	...
...	18·302	−30·796	− 3	...	...
...	16·956	+43·537	− 5	...	...

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
	61–120				
61					
...	−16·442	+10·942	0·95	42. 567	9·8
S *	16·411	−35·331	1·35	43. 522	8·6
S	16·026	+ 4·853	1·90	42. 568	8·4
...	13·771	−13·074	− 3	.	.
S *	13·509	+51·624	2·30	42. 569	7·7
†	−12·223	−39·948	− 3	...	...
...	10·576	+24·982	− 4	.	...
...	10·124	−41·724	− 5	...	...
*	9·000	−37·175	1·35	43. 523	8·8
...	7·793	−18·790	− 5	...	...
71					
...	− 7·125	−40·982	− 2	...	...
...	6·422	+ 0·507	1·1	43. 524	9·6
...	5·662	+28·184	0·70	...	..
..	5·294	−32·262	0·75	...	...
‡	4·941	−11·063	2·70	43. 525	7·9
S *	− 4·300	+31·710	1·30	42. 570	8·8
...	3·955	+30·805	− 5	...	...
...	3·953	− 2·797	0·95	...	...
...	3·940	+47·518	− 4	...	...
...	2·617	−41·289	0·70	...	...
81					
...	− 1·220	+25·101	− 5	..	...
...	0·998	+26·012	− 4	...	...
*	− 0·610	+57·127	0·90	42. 571	10·0
†	+ 1·021	−54·917	− 5	...	...
...	3·438	−20·092	0·90	...	...
†	+ 4·893	+44·826	− 2	..	...
...	6·459	−47·929	− 2	...	..
...	7·856	+28·456	− 5	...	...
...	8·293	+22·205	0·90	42. 573	10·0
...	8·328	+ 7·413	− 4	...	...
91					
*	+ 9·318	−50·750	1·80	43. 526	8·2
*	9·517	−41·539	1·30	43. 527	8·6
...	9·774	− 3·299	− 4	...	...
...	9·867	+31·006	− 5	...	...
*	9·985	−32·500	2·20	43. 528	8·0
...	+10·237	+13·020	0·90	...	...
...	10·322	−47·382	− 2	...	...
...	10·884	+52·875	− 2	...	...
...	10·996	+37·663	0·90	42. 574	10·0
...	12·133	+21·550	− 5	...	...
101					
†	+12·228	−15·018	− 5	...	...
*	12·359	−15·402	1·10	43. 529	9·2
...	14·439	+19·782	− 5	...	...
...	16·582	+15·132	− 5	...	...
...	18·033	−19·811	− 2	...	...
...	+18·846	−36·876	− 5	...	...
N	19·088	−28·129	− 2	43. 530	9·2
N *	19·111	−28·197	1·05		
*	20·887	−26·608	2·00	43. 531	8·4
*	21·326	+21·724	1·25	42. 575	8·8
111					
...	+21·723	− 7·898	0·90	43. 532	9·9
...	22·458	−12·589	− 2	...	...
...	23·862	+51·007	− 1	42. 576	10·1
...	23·937	−40·947	− 5	..	...
...	23·970	− 8·449	0·90	...	...
...	+25·678	−22·222	− 4	...	...
...	25·756	−14·647	− 4	...	...
...	25·892	+24·378	0·90	42. 577	9·8
...	28·511	−17·599	− 3	...	...
...	28·868	−40·591	0·90	...	..

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
	121–177				
121					
*	+28·994	−36·912	1·10	43. 533	9·0
*	30·509	+37·813	1·00	42. 578	9·5
S *	30·708	+50·956	1·[illegible]	42. 579	8·6
.	30·800	+31·211	− 5	.	...
...	31·526	+36·869	− 4	.	...
..	+31·771	−13·49[illegible]	− 4	.	...
...	32·148	+44·186	− 5	...	...
...	32·325	+23·441	− 4	...	...
...	32·525	+57·645	− 5		...
*	34·655	+52·[illegible]21	1·20	42. 580	9·1
131					
...	+35·25	+17·046	− 4	.	...
...	36·842	−32·813	0·85	43. 534	9·9
..	39·122	− 7·476	0·70	.	...
...	39·667	−42·223	− 5	...	...
...	39·758	+26·887	− 3	..	...
...	+40·006	−41·040	− 4	...	...
..	41·147	+10·093	0·80	...	...
...	41·305	−56·872	− 5		...
...	41·962	+22·083	0·80	..	...
*	42·37[illegible]	− [illegible]·38	1·40	43. 535	8·8
141					
...	+42·791	+35·704	− 5	...	...
...	43·586	+36·051	− 5	...	...
...	44·897	−15·971	− 5	a	...
...	45·296	− 8·703	− 5	a	...
..	45·733	+ 9·395	− 5	...	...
...	+46·282	− 1·991	0·95	43. 536	9·9
...	46·418	−12·534	0·80	.	...
...	46·754	+19·676	− 1	...	...
...	47·048	+ 8·272	− 4	..	...
...	47·077	−16·949	0·70	...	...
151					
S *	+47·473	−39·270	1·30	43. 537	8·8
...	48·163	+20·[illegible]	0·70	...	...
*	48·995	+20·936	1·00	42. 581	9·4
.	49·553	+21·327	0·90	.	..
†	50·084	+32·883	− 4	...	...
...	+50·993	−21·939	− 5	...	...
..	51·258	+27·048	− 3	..	...
...	52·044	+16·558	− 2	..	...
...	52·568	−46·062	− 4	...	...
*	52·858	+ 3·555	1·00	42. 582	10·0
161					
S †	+53·41[illegible]	−19·936	1·00	43. 538	9·4
...	53·914	−36·893	− 4	...	...
...	53·915	+26·223	0·90	42. 583	10·1
S *	53·976	+21·317	2·05	42. 584	7·8
...	54·388	+ 0·595	− 3	...	...
...	+54·39[illegible]	+ 9·410	− 5	...	...
†	54·985	−35·813	− 3	...	...
...	55·553	+ 3·886	0·70	...	...
...	55·598	− [illegible]·934	− 5	e	...
...	56·625	−56·112	− 3	...	...
171					
*	+56·881	+53·259	1·60	42. 585	8·8
*	57·49[illegible]	+26·153	1·20	42. 586	8·6
*	58·050	−30·432	1·00	43. 539	9·6
...	58·[illegible]74	+52·369	− 5	.	...
...	58·488	− 0·990	0·70	...	...
...	+59·[illegible]83	−20·513	− 4	...	...
†	60·012	−13·095	0·70	...	...

L measured from 1, 84.
C , ,, 46, 122.

108, 108. 44°·31, mass.

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.

1–60

1					
...	−59·242	+26·928	− 3	...	...
...	58·186	+16·463	− 2	...	...
...	57·112	−22·045	− 2	...	...
..	57·718	−10·500	− 5	M	...
*	56·985	+ 3·401	1·05	42. 582	10·0
.	−56·854	−30·885	− 5	M	...
*	56·592	+26·188	1·20	42. 583	10·1
S *	56·139	+21·278	2·13	42. 584	7·8
..	55·794	−46·108	− 3	...	...
S *	55·727	−19·968	1·23	43. 538	9·4
11					
...	−55·680	−20·029	− 5	M	..
...	55·625	+ 9·384	− 4	...	...
...	55·374	+ 0·381	− 2	...	...
...	54·728	−37·765	− 3	...	...
*	54·448	+53·391	2·00	42. 585	8·8
...	−54·344	+ 3·491	0·80	..	...
..	54·090	1·916	− 5	E	..
...	53·694	−35·792	− 1	..	...
...	53·517	−37·115	− 4	A	...
*	53·224	+26·224	1·45	42. 586	8·6
21					
...	−52·927	+52·443	− 4	...	...
...	51·444	−56·030	0·65	...	...
...	51·218	− 0·888	0·80	...	...
...	51·091	−50·380	− 4	...	...
*	50·791	−30·320	1·15	43. 539	9·6
†	−50·005	+29·176	0·70	...	...
†	49·958	+36·894	− 5	...	...
...	49·512	+54·653	0·90	42. 587	10·0
...	49·355	−20·363	− 1	...	...
...	49·339	−12·938	0·90	...	...
31					
...	−48·653	−16·343	− 3	...	...
...	47·998	−47·420	− 4	...	...
...	47·767	+ 3·182	− 5	...	...
...	47·552	−29·474	− 3	...	...
†	47·454	−14·674	− 5	M	...
...	−46·328	−38·522	− 4	...	...
...	45·739	−38·195	− 4	..	...
..	45·694	−27·143	− 3	..	...
*	45·198	+29·837	1·20	42. 588	9·4
...	45·161	−19·076	− 1	...	...
41					
†	−45·068	+26·661	− 4		...
..	44·567	−32·060	− 4	..	...
..	44·375	− 3·135	0·70	...	...
.	44·332	+ 9·216	− 1		...
*	43·777	−25·651	1·00	..	..
*	−43·084	+29·743	1·10	42. 589	9·5
...	42·798	− 4·164	− 4	M	...
*	42·525	− 5·[illegible]	1·10	43. 540	9·9
*	42·289	+ 7·125	1·1[illegible]	42. 590	9·5
.	42·014	− 4·[illegible]	− 4	...	.
51					
..	−40·499	−30·[illegible]	[illegible]	..	...
...	40·235	−13·831	− 3	B	...
...	[illegible]	[illegible]	[illegible]	.	
*	40·012	[illegible]	[illegible]		...
†	39·[illegible]	[illegible]	− 3		...
.	−39·915	−37·[illegible]	− 1	...	.
..	39·541	+ 0·838	[illegible]	...	
*	39·[illegible]	[illegible]	1·00	...	...
...	39·089	−32·041	− 3	A	.
...	39·042	−52·839	− 5	M	...

61–120

61					
...	−39·029	24·957	− 1	...	...
...	38·867	+16·39[illegible]	0·90	...	...
*	38·805	− 17·147	1·20	43. 541	9·4
...	38·528	−42·347	0·65	...	...
...	37·743	+42·823	− 5	...	...
*	−37·587	+49·887	1·10	42. 591	9·8
...	37·534	−53·983	− 2	...	...
...	37·167	+40·884	0·65	...	...
...	36·752	−34·934	0·85	...	...
...	36·476	+51·642	− 4	...	...
71					
*	35·514	−29·289	1·00	...	...
...	35·494	−35·142	− 5	M	...
†	35·001	+52·972	− 3	...	...
...	34·765	−47·086	− 3	...	...
*	34·706	+27·489	1·00	...	...
...	−34·358	−16·147	− 2	...	...
...	34·259	+32·375[illegible]	− 1	...	...
*	34·217	−19·017	1·15	43. 542	9·2
...	34·072	−19·578	− 4	M	...
...	33·834	+51·438	− 5	...	...
81					
...	−33·185	− 2·457	− 1	B	...
*	33·183	−47·060	1·10	43. 543	9·9
...	33·104	+55·309	− 3	...	...
...	33·070	− 3·413	0·65	...	...
...	32·808	− 3·170	− 2	A	...
...	−32·322	−35·549	− 2	A	...
N	32·290	+44·021	− 3	...	...
...	31·417	+ 6·109	− 2	...	...
...	31·351	+ 2·777	− 1	...	...
...	31·349	+44·016	− 3	...	...
91					
...	−31·179	+19·325	− 3	...	...
*	30·652	+21·467	1·30	42. 592	9·0
*	30·544	−52·179	1·00	...	...
...	30·370	−53·887	− 5	M	...
*	30·275	−42·293	1·00	...	...
†	−29·904	−58·366	− 3	...	...
...	29·760	+38·964	− 3	...	...
*	29·674	+44·344	1·35	42. 593	8·8
...	29·651	+26·945	− 3	...	...
...	29·412	+29·470	− 4	...	...
101					
*	−29·343	+52·546	2·00	42. 594	8·4
*	29·121	+48·113	0·95	42. 595	10·0
†	28·932	−44·601	− 5	M	...
..	28·850	−50·897	0·75	...	...
...	28·457	+17·034	0·70	.	...
.	−28·408	−52·926	0·65	...	...
†	27·770	−19·678	− 5	M	...
	27·758	−39·045	− 4	M	...
.	27·648	+ 2·137	− 4	.	.
.	27·461	−21·472	0·65	..	...
111					
..	−27·35[illegible]	+ 8·456	− 5	...	...
.	26·948	−31·[illegible]	− 5	M	.
*	26·930	+13·[illegible]	1·10	42. 596	9·8
*	26·350	−11·179	1·00	43. 544	9·[illegible]
.	26·157	+24·338	0·65	...	...
	−25·9[illegible]	−39·373	− 5	M	...
.	25·934	−13·331	0·65	.	...
...	25·846	−31·3[illegible]	− 5	M	...
.	25·780	+ 2·671	− 5	M	...
S *	25·179	+13·659	1·13	42. 597	9·6

121–180

121					
*	−24·493	+25·891	1·30	42. 598	8·9
...	24·451	+37·519	− 5	...	...
...	24·166	−15·845	− 3	...	...
S *	23·675	−49·059	1·15	43. 545	9·7
‡	23·580	+60·048	1·50	42. 599	9·4
...	−23·467	+46·836	0·75	...	...
...	23·235	−14·545	− 3	...	...
...	22·355	−27·405	− 1	...	...
*	22·114	−39·064	1·00	...	...
...	21·972	− 1·105	− 5	M	...
131					
*	−21·454	+ 7·510	1·15	42. 600	9·8
...	21·271	+41·860	0·90	...	...
...	21·270	+21·573	− 4	...	...
...	19·495	−33·598	− 4	M	...
*	19·239	−32·507	1·25	43. 546	9·4
...	−18·732	+52·368	− 4	...	...
...	18·656	−11·973	− 5	M	...
...	18·518	−37·165	− 3	...	...
...	18·038	−49·363	− 5	M	...
...	17·870	−25·697	− 5	M	...
141					
...	−17·620	+39·791	− 5	...	...
...	17·604	+46·122	− 4	...	...
...	17·327	+ 9·233	− 4	...	...
...	17·307	−11·606	0·70	...	...
...	17·180	+22·309	− 5	...	...
...	−16·924	+37·240	− 5	...	...
...	16·717	−36·553	0·75	...	...
...	16·631	+17·277	− 4	...	...
*	15·626	+42·818	1·00	...	...
...	15·342	+12·147	− 4	...	...
151					
‡	−15·222	+55·856	1·55	42. 603	8·9
...	15·088	−54·760	0·65	...	...
...	14·770	−28·660	− 4	M	...
...	13·663	+ 5·701	− 4	M	...
*	13·419	−50·486	1·00	...	...
...	−13·079	+ 5·094	− 2	...	...
...	13·067	+ 3·162	− 5	M	...
...	12·885	+32·456	− 4	...	...
...	12·826	+16·083	− 1	...	...
...	12·707	+43·594	− 4	...	..
161					
*	−12·588	−52·368	1·10	43. 547	9·7
...	12·391	−10·638	− 4	M	...
...	12·271	+28·677	− 5	M	...
...	11·737	+19·902	0·70	...	...
*	11·566	−43·712	1·00	...	...
...	−10·845	− 5·722	0·70	...	...
...	10·542	+ 4·913	0·65	.	...
...	10·435	+ 9·830	− 2	...	...
.	10·260	−54·734	0·65	...	...
...	8·717	−36·167	− 4	M	...
171					
...	− 8·608	+27·436	− 2	...	...
...	8·584	− 0·426	− 1	A	...
...	8·423	−18·760	− 4	M	...
S *	8·285	+41·802	2·03	42. 604	8·0
...	8·054	−38·485	− 3	A	...
..	− 7·709	−10·136	− 4	M	...
..	7·328	− 5·315	− 3	D	...
*	7·137	+30·961	1·00	...	...
...	7·133	+55·348	− 5	...	...
...	6·922	+11·729	− 5	M	...

B measured from 1, 96, 209, 305.
E " " 42, 153, 263, 345.

87. Mass. 42°·31, two stars.

181–240

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
181					
...	− 6·913	+41·460	0·70	° ...	...
...	6·884	+ 7·721	− 5	M	...
...	6·852	+51·328	− 5	...	...
*	6·001	−53·698	1·00	...	...
*	5·979	−13·416	1·10	43. 548	9·7
...	− 5·686	−52·417	− 4	M	...
..	5·585	+ 7·465	− 1	...	...
...	5·514	−17·899	0·75	...	...
...	5·482	−54·849	− 2	A	..
...	4·625	+12·092	− 4	M *m*	...
191					
..	− 4·539	−40·994	− 5	M *m*	...
..	4·443	+38·706	− 3	...	...
*	4·410	− 4·897	1·00	...	...
.	4·381	−40·551	0·80	...	...
*	4·241	−57·187	1·10	...	...
*	− 4·125	+38·382	1·15	42. 606	8·8
*	3·965	+36·449	1·00	...	...
...	3·460	− 5·536	− 4	M *m*	...
...	3·398	+38·309	− 5	...	...
*	3·259	−25·052	1·10	43. 549	9·9
201					
...	− 2·983	+31·314	− 1	...	...
	2·950	−56·582	1·10	...	...
S *	2·849	−19·020	1·43	43. 550	9·0
...	2·815	−39·050	− 2	*m*	...
...	1·351	+51·263	− 5	...	...
...	− 0·880	+10·058	− 2	...	...
*	0·325	+ 9·313	1·05	...	...
...	− 0·258	+11·562	− 5	M *m*	...
...	+ 0·021	−18·838	0·80	...	...
...	0·086	+47·580	− 4	...	...
211					
...	+ 0·371	−35·384	− 5	M *m*	...
...	0·379	+27·809	− 2	...	...
...	0·556	+29·831	− 4	...	...
...	1·370	+19·298	− 3	...	...
*	1·684	+29·457	1·45	42. 608	9·1
...	+ 1·710	−27·306	− 5	M *m*	...
..	1·783	+16·959	− 5	M *m*	...
...	1·876	+ 8·113	− 1	...	...
..	1·938	− 0·691	− 4	M *m*	...
...	2·057	+35·538	− 2	...	...
221					
*	+ 2·424	−17·433	1·10	43. 551	9·8
*	2·754	− 4·073	1·00	43. 552	9·9
...	3·173	+ 4·684	− 3	...	...
...	3·403	−28·903	− 3	...	...
...	4·060	+33·361	− 5	..	...
*	+ 4·365	+58·165	1·15	...	...
...	4·448	−56·476	− 1	...	...
...	5·437	+13·087	− 3	...	...
...	5·561	−41·382	− 5	M *m*	...
...	5·782	−26·109	− 4	...	...
231					
...	+ 5·957	+41·998	0·75	...	...
...	6·208	−20·634	− 4	...	...
*	6·412	+21·622	1·00	42. 609	10·1
*	6·805	−21·729	1·40	43. 553	9·1
...	7·306	+11·996	− 5	*m*	...
...	+ 7·457	+ 0·819	− 5	*m*	...
...	7·804	− 9·981	0·80	...	...
...	7·883	+44·351	− 5	...	...
...	8·013	+54·687	0·65	...	...
*	8·070	−23·490	1·00	43. 554	9·9

241–300

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
241					
...	+ 8·169	+ 2·121	− 4	° ..	...
*	8·554	−22·055	1·15	43. 555	9·9
...	9·114	−30·098	− 4	*a*	...
†	9·146	−19·604	− 5		
...	9·307	−44·445	0·70	..	.
†	+ 9·489	+50·13	− 5	...	...
...	9·705	− 7·389	0·70	...	...
...	9·904	+45·754	− 4	...	...
*	10·270	− 0·851	1·00	43. 556	9·9
...	10·360	−36·353	− 1	...	...
251					
...	+10·420	+56·145	− 4	...	...
S *	10·705	+51·343	2·65	42. 610	7·5
...	10·736	+56·072	0·90	...	...
...	11·148	−21·587	− 5	*m*	..
...	11·577	+17·308	− 4	*m*	
...	+11·752	−14·725	− 3	...	...
...	12·371	−42·020	− 3	...	...
...	12·666	−31·531	− 5	*m*	...
...	13·177	−17·410	− 5	*m*	...
..	13·456	+23·966	− 5	*m*	...
261					
...	+13·539	−13·517	− 5	*m*	...
S *	14·316	+16·335	1·50	42. 611	8·8
...	15·033	− 3·962	− 3	*a*	..
...	15·271	+42·803	− 5	*m*	.
*	15·334	−36·251	1·00	...	.
...	+15·589	−53·135	− 5	...	...
...	15·674	−38·990	− 5	*m*	...
...	16·128	−23·164	0·70	...	...
..	16·173	+29·786	− 1		...
...	16·817	+37·612	− 3	..	..
271					
*	+16·916	+57·645	1·10		.
...	16·920	+35·482	− 3	...	...
*	17·080	+27·613	1·10	..	..
*	18·697	+15·734	1·05	42. 612	10·1
...	18·735	+16·843	− 1	...	...
*	+18·854	−26·781	1·15	43. 557	9·4
...	19·003	−30·983	− 5	*m*	...
...	19·015	+50·519	− 5	*m*	..
...	19·045	+ 5·846	− 1	...	.
...	19·443	−41·497	− 5	*m*	...
281					
...	+19·469	−50·805	− 5	...	..
...	19·584	+28·626	− 5	...	...
†	19·921	− 9·993	− 5	*m*	...
...	20·033	−36·554	− 4	*b*	..
...	20·092	−21·836	− 5	*m*	...
...	+20·440	−41·490	− 1	...	...
*	20·609	−30·397	1·20	43. 558	9·2
...	20·977	−30·706	− 3	...	...
...	21·166	+13·187	− 3	*a*	...
...	21·634	−28·078	− 2	...	...
291					
...	+22·090	−34·062	− 5	*m*	.
...	22·531	+29·252	− 1	...	...
...	22·705	+11·201	− 2	..	..
...	22·776	−21·014	− 1	..	...
...	23·680	+26·430	0·70	...	..
...	+23·900	+57·949	− 5	..	..
*	24·197	+16·733	1·00	...	...
...	24·667	+ 0·471	− 1	.	...
...	24·985	+46·897	− 5	*m*	..
...	25·316	−18·898	0·70	...	..

301–360

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
301					
...	+26·246	−31·096	− 2	° ...	...
...	26·303	+24·553	− 1	...	..
	28·687	−26·128	1·20	43. 559	9·2
*	29·517	+27·401	1·6	42. 613	8·6
	30·077	+33·504	− 3	...	...
..	+30·095	+12·010	0·70	...	
...	30·505	−38·335	0·70	..	
..	30·980	−11·430	− 5	*m*	...
...	31·301	+27·950	− 5	*m*	...
...	31·311	−42·213	− 4	...	..
311					
...	+31·319	+39·960	− 5	*m*	...
S *	31·543	−36·893	1·53	43. 560	8·8
...	31·787	+49·333	− 5	...	...
...	32·729	+41·329	− 5	*m*	..
...	33·115	+21·659	0·70	...	...
...	+33·823	+48·626	− 2	...	..
...	33·985	+53·441	− 3	...	...
...	34·228	−36·982	− 5	*m*	.
†	34·896	−26·243	0·70	...	.
...	35·032	−29·164	− 4	*a*	...
321					
..	+35·830	+13·867	− 5	..	...
	36·049	−36·327	0·85	...	..
.	36·377	+53·233	− 5		.
.	36·483	−18·111	0·70		...
...	37·204	+ 2·627	− 3	.	...
.	+37·428	+31·719	− 1	.	...
...	38·644	+45·794	− 5	*m*	..
...	38·791	−41·034	− 3	..	...
*	38·813	− 0·247	1·55	43. 561	9·0
...	38·875	+ 6·070	− 5	*m*	...
331					
...	+39·423	−25·258	− 5	*m*	...
	40·150	− 7·468	− 5	*m*	...
S *	40·418	+43·074	1·65	42. 614	9·2
..	40·807	+46·937	0·85	...	...
*	41·293	+14·058	1·00	...	...
	+41·537	− 0·091	1·00	43. 562	9·4
.	41·596	+ 0·090	1·15		
	41·845	+37·456	− 5	*m*	...
...	41·994	+ 3·980	− 5	...	...
*	42·970	−26·538	1·15	43. 563	9·7
341					
...	+43·042	−19·759	− 2	...	...
...	43·129	+23·025	− 3	...	...
...	43·213	+ 3·196	− 1	..	..
...	43·244	− 2·403	− 4	*a*	...
†	44·097	+ 7·783	− 3	..	...
...	+45·354	−25·374	− 2		
...	45·923	+21·601	− 4	...	...
...	46·128	−18·601	0·75	...	..
...	46·173	+ 7·289	− 4	...	..
..	46·174	−27·523	− 5	*m*	...
351					
...	+46·309	− 2·704	− 5	*m*	...
...	46·565	− 3·725	− 5	*m*	
...	46·663	−35·708	− 5	*m*	...
*	47·085	+46·876	1·10	42. 615	10·1
...	47·321	− 4·003	− 4	*a*	...
..	+47·384	−28·249	− 5	...	...
...	47·865	+55·048	− 5	...	...
*	47·899	+ 1·281	1·00	...	...
..	48·062	+26·890	− 5	...	...
*	48·311	−49·252	1·20	43. 564	9·9

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. r.	C.P.D. No.	C.P.D. Mag.
361–370					
361					
...	+49·341	+54·07[illegible]	− 5	...	...
..	49·414	− 2·408	− 4	*a*	...
...	49·423	+34·017	− 4	...	...
...	50·335	−51·913	− 1	43. 565	9·9
S *	51·603	+28·719	2·00	42. 616	8·5
*	+53·122	+52·294	1·60	42. 617	8·8
*	53·127	−58·674	1·20	44. 621	9·7
†	53·94[illegible]	− 2·38[illegible]	1·00	...	...
..	54·109	−20·024	− 5	*m*	...
..	54·318	−40·209	− 3	...	..
371–380					
371					
S *	+54·526	− 8·635	1·48	43. 566	9·0
†	54·693	−18·392	− 5	*e*	...
...	55·316	+51·947	− 5	...	...
...	55·437	−14·007	− 4	*e*	...
...	56·251	− 6·584	− 5	*e*	...
N	+56·401	+46·076	− 5	..	...
...	56·639	−37·684	0·90	...	...
*	57·097	−14·707	1·00	...	..
...	58·080	+31·104	− 5	*m*	...
...	58·252	−22·975	− 5	...	...
381–384					
381					
...	+58·760	+29·905	0·90	42. 619	10·1
...	58·899	−23·501	− 5	...	...
...	58·910	−22·476	− 3	...	...
...	59·377	− 2·913	− 5	*m*	...

3–6. Very faint.

1–40					
1					
†	−59·954	−49·407	0·90	43. 564	9·9
...	59·359	−11·193	− 5	...	...
S *	58·976	+28·601	2·10	42. 616	8·5
*	58·164	+52·205	2·00	42. 617	8·8
..	57·842	− 52·022	0·95	43. 565	9·9
	−55·969	+51·945	− 5	...	...
.	55·728	− 2·412	0·85	...	...
S *	54·947	− 8·640	1·45	43. 566	9·0
	54·839	−58·678	1·40	44. 621	9·7
...	54·702	+46·071	− 5	...	...
11					
...	−54·503	−18·383	− 5	E	...
†	54·199	−40·190	− 3	...	..
..	53·891	−14·002	− 4	E	...
...	53·490	−48·734	− 2	...	...
..	53·300	− 6·545	− 5	E	...
...	−52·203	−14·617	0·90	..	...
*	51·969	−37·608	1·10	...	...
...	51·870	+29·999	0·85	42. 619	10·1
..	51·270	−22·507	− 5	...	...
...	51·156	−24·451	− 5	M	...
21					
.	−50·798	−22·866	− 3	...	...
...	50·284	+ 5·940	− 5	M	...
..	50·162	−22·340	− 2	...	...
..	50·135	−23·364	− 4	...	...
..	50·101	+21·597	− 4	...	...
...	−49·422	− 6·190	− 5	M	...
..	49·367	+ 9·197	− 4	...	...
S *	49·249	− 3·834	2·00	43. 567	8·6
...	49·193	+ 7·727	− 3	...	...
..	49·070	−31·749	− 4	...	...
31					
.	−48·749	+38·886	− 5	M	..
...	48·471	−19·055	− 1	...	...
*	48·333	−43·444	1·1	...	...
...	48·329	+ 0·646	− 5	...	...
...	48·224	+23·484	− 3	..	...
...	−47·822	+ 6·537	− 2	...	...
	47·73[illegible]	+18·702	1·50	42. 620	9·1
...	47·492	−54·625	− 5	M	.
...	47·484	−55·902	− 2	...	...
...	47·392	−26·644	0·95	...	...
41–80					
41					
...	−47·265	− 3·334	− 1	...	
...	46·946	+22·945	− 2	...	..
...	46·934	−23·302	− 5	M	..
†	46·491	+39·474	− 5	...	...
...	45·223	−10·645	− 1	...	...
...	−44·339	−33·219	− 4	B	...
..	44·302	−46·379	− 5	...	...
...	44·253	−50·861	1·00	...	..
..	43·987	+50·362	− 1	...	...
...	43·725	+21·151	0·85	...	...
51					
...	−43·381	−47·321	0·85	...	...
...	42·611	−49·413	− 4	A	...
..	42·565	−45·368	1·00	...	...
...	41·627	−56·710	− 5	M	...
...	41·567	−38·100	− 2	...	...
..	−41·477	+42·788	0·65	...	...
+	41·255	−56·490	1·10	...	...
...	41·132	+33·635	− 5	...	...
...	40·983	+55·412	0·65	42. 621	10·1
...	40·458	+16·604	− 2	...	...
61					
†	−39·757	+22·894	1·15	42. 622	9·8
S *	39·204	+48·122	1·43	42. 623	9·4
...	38·425	+49·977	0·80	...	...
...	38·028	+17·515	0·85	...	...
...	37·917	−43·067	− 5	M	...
...	−37·896	−12·022	− 5	M	...
...	37·834	+ 4·010	− 4	M	...
...	37·513	−52·8[illegible]	− 5	M	...
...	37·431	−45·038	0·95	...	...
...	37·370	+45·619	− 1	...	...
71					
*	−37·355	− 2·886	1·40	43. 568	9·2
...	36·448	−51·135	− 4	A	..
*	36·152	−39·027	1·10	...	..
...	35·272	+20·335	− 4	M	...
...	35·141	+42·357	− 1	...	...
†	−34·54[illegible]	+55·931	0·65	...	...
†	34·524	+58·934	1·00	42. 625	9·8
*	34·517	+14·089	1·10	42. 624	10·1
...	33·748	+39·025	− 5	M	...
*	33·475	+28·897	1·35	42. 626	9·2
81–120					
81					
.	−33·322	−16·765	0·65	...	..
*	33·190	−33·317	1·10	43. 569	9·9
*	32·868	−55·983	1·55	43. 570	9·2
...	32·528	−22·959	− 5	M	...
...	31·962	+26·860	0·65	...	...
*	−31·958	+16·204	1·40	42. 628	9·1
S *	31·843	−49·970	2·10	43. 571	8·8
...	31·621	+35·561	− 5	...	...
...	31·272	+27·555	− 5	M	...
...	31·204	+28·536	− 2	...	...
91					
*	−31·163	−59·690	1·10	44. 631	9·9
...	31·151	+16·322	− 4	...	...
†	31·065	− 5·381	1·10	43. 572	9·9
...	30·866	+42·677	− 5	M	...
*	30·760	+40·705	1·15	42. 629	10·1
*	−30·265	+ 4·094	1·10	...	...
...	29·919	+38·771	− 5	...	..
...	28·742	+25·587	− 5	M	...
...	28·204	+32·341	− 5	M	...
...	28·195	−38·497	− 1	...	...
101					
..	−27·947	−58·219	0·70	...	...
*	27·002	+33·492	1·10	42. 630	10·0
...	26·929	− 9·484	− 5	M	...
...	26·809	−36·754	− 5	M	...
..	25·870	+59·264	0·75	42. 631	10·1
...	−25·680	+25·043	0·75	...	...
...	25·524	− 9·972	− 4	...	...
‡	24·918	+ 2·332	2·00	42. 632	8·4
...	24·734	−40·803	0·95	...	...
...	23·923	+21·638	− 5	M	...
111					
*	−23·726	+ 5·598	1·10	...	...
...	21·313	+24·866	− 1	...	...
*	20·891	−56·860	1·30	43. 573	9·8
...	20·074	− 0·378	− 3	A	...
...	19·331	−17·892	− 5	M	...
...	−19·256	−44·376	− 5	M	...
*	19·215	+ 3·073	1·15	42. 633	10·1
...	18·645	+27·979	− 2	...	...
...	18·572	−31·435	− 5	M	...
...	18·358	+ 9·060	− 5	M	...

B measured from 1. 98, 179, 287.
H .. . 46, 131, 220, 325.

Notes	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
121-180					
121					
...	−18·042	+17·352	− 3	..	...
...	17·573	−22·337	− 1	.	...
...	17·369	+55·164	− 5	M	...
S *	16·927	+22·419	2·25	42. 634	8·0
...	16·806	−33·892	− 5	M	...
...	−16·491	+ 7·995	− 4	...	...
...	16·343	−42·819	− 1	..	...
...	16·283	−52·890	1·00	...	...
...	15·034	+48·863	− 2	...	
...	14·927	+15·200	− 2	...	...
131					
...	−14·660	+30·749	− 5	M	..
...	14·530	+ 5·946	− 5	M	...
...	14·286	− 59·917	− 2	..	..
...	14·283	+ 0·252	− 3	M	...
..	13·452	+51·181	− 1	...	...
.	−13·247	+25·145	0·85	...	...
...	13·207	+45·276	− 5	M	...
*	12·864	+47·236	1·15	42. 635	9·8
...	12·499	+34·791	− 3	...	...
*	12·482	+40·312	1·70	42. 636	8·8
141					
...	−11·846	+54·214	− 2	..	...
*	11·704	− 3·727	1·05	...	..
..	11·189	+39·003	− 4	...	...
...	10·979	+12·304	0·95	...	..
*	10·453	−39·682	1·30	43. 574	9·6
..	−10·417	+13·648	− 5	M	...
...	10·250	+31·070	0·80	...	...
*	10·023	−37·786	1·10	43. 575	9·8
...	9·399	+44·114	− 5	...	..
...	8·520	+ 0·592	0·85	..	...
151					
...	− 8·348	+40·020	0·85	...	...
...	8·091	+ 0·492	− 4	M	...
*	7·969	−15·636	1·10	...	...
...	7·880	+39·994	− 5	...	...
*	7·879	+11·991	1·30	42. 637	9·2
...	− 7·735	+45·859	− 5	M	...
...	7·533	+45·785	0·90	...	...
...	7·205	−55·627	1·00	...	...
...	7·136	+23·314	− 4	...	...
*	6·742	−28·839	1·20	43. 576	9·7
161					
...	− 6·598	−20·358	− 2	...	...
*	6·507	−51·255	1·35	43. 577	9·4
...	6·500	+ 0·024	0·65	F	...
...	6·015	−29·275	0·65	...	...
...	5·887	−39·179	− 4	A	...
...	− 5·772	+27·481	− 3	...	...
*	5·679	−23·967	1·20	43. 578	9·6
*	5·546	+28·868	1·25	42. 638	9·4
†	4·732	+52·727	0·80	42. 639	10·1
...	4·448	+18·266	− 5	M ///	...
171					
*	− 3·946	− 8·934	1·10	..	...
...	3·676	−14·352	− 3	...	...
...	3·611	+11·244	0·75	..	...
...	3·281	−55·744	− 5	..	...
*	3·061	−42·744	2·80	43. 579	7·6
*	− 2·413	+55·781	1·10	42. 640	10·1
...	0·522	−11·317	− 3	M	...
...	− 0·265	+35·002	1·00	42. 641	10·1
...	+ 0·166	+ 6·674	− 5	M ///	...
†	0·276	+40·762	0·90	42. 642	10·0

Notes	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No	C.P.D. Mag.
181-240					
181					
S *	+ 0·469	−54·581	2·33	43. 580	8·4
...	0·616	+26·657	0·70	...	...
S *	1·854	−12·159	2·15	43. 581	8·4
*	2·461	− 3·820	1·25	43. 582	9·8
*	2·551	−40·899	1·15	43. 583	9·9
.	+ 2·700	−30·367	− 3	.	...
...	3·332	−21·314	0·85		...
...	3·966	+39·889	− 2	...	...
...	4·051	−46·378	− 3	..	...
...	4·146	+35·890	− 4	..	...
191					
..	+ 4·534	+25·689	− 4	...	...
...	4·714	+ 0·721	− 5	M ///	...
*	5·206	+ 2·085	1·30	42. 643	9·8
...	5·449	+18·956	− 4	...	...
...	5·710	+16·494	− 1	...	...
...	+ 5·909	−18·845	0·80	.	...
...	6·099	−23·991	− 2	...	...
...	6·331	−37·209	0·90	...	...
...	8·074	+25·096	− 4	...	...
...	8·180	−35·734	− 4	...	...
201					
...	+ 8·592	−22·128	− 4	...	...
..	9·096	+18·820	− 4	...	...
...	9·122	+10·984	− 5	...	...
...	9·929	+36·485	− 4	...	...
...	10·425	−25·893	− 3	...	...
...	+11·061	+37·889	− 5	...	...
†	11·918	−41·638	1·60	43. 584	9·1
†	12·042	−45·492	− 5	...	...
...	12·106	+ 8·442	− 3	...	..
...	13·042	+15·564	0·95	..	...
211					
...	+13·046	−58·613	− 2	...	...
...	13·347	−13·328	0·75	...	...
...	13·434	−53·155	− 3	..	...
...	13·582	+19·882	− 5	..	...
...	13·603	+28·912	− 2	...	...
...	+13·611	+51·443	− 4	...	...
...	13·751	+ 0·359	− 5	///	...
...	14·226	−28·311	− 3	...	..
...	14·685	−33·088	− 5	...	...
*	15·163	−50·242	1·35	43. 585	9·4
221					
...	+15·231	−22·427	0·75	...	..
...	15·312	−34·610	− 5	...	...
...	15·380	−39·705	− 5	...	...
*	15·408	−37·566	1·15	43. 586	9·9
...	15·601	− 7·714	− 5	///	...
*	+15·902	+44·672	2·05	42. 644	8·8
..	15·972	+ 0·469	− 1	a	..
...	16·224	+ 0·764	− 1	...	...
...	16·286	+ 6·142	0·90	...	...
...	16·515	+23·045	0·80	...	...
231					
*	+16·699	+15·444	1·15	42. 645	10·1
...	16·921	−57·872	− 3	...	...
...	17·112	−41·596	− 4	...	...
...	17·910	+41·618	− 4	...	...
...	17·932	− 8·908	0·95	...	...
...	+17·994	+38·718	− 5	...	...
...	18·379	+44·887	− 2	...	...
...	18·473	−15·333	− 3	.	...
*	18·597	+18·931	1·20	42. 646	10·1
...	18·653	− 5·138	0·70	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
241-300					
241					
*	+18·737	+16·699	1·10	...	...
	18·989	+ 2·074	0·85	...	...
*	19·221	+ 9·993	1·15	42. 647	10·1
	19·556	− 2·369	− 2	...	...
.	19·678	+29·978	− 5	.	.
	+19·822	− 6·685	0·90		...
*	20·125	−18·992	1·10		...
	20·235	−23·186	0·65	.	...
...	20·347	−30·480	− 2		..
...	20·348	−42·333	− 2		...
251					
...	+20·428	+13·770	− 3	..	...
...	20·487	−47·181	− 5	...	...
..	20·619	−12·222	0·85	..	..
...	20·719	−16·769	− 3	...	.
...	21·041	−51·640	− 5	m	..
...	+21·100	+21·467	− 5	...	..
...	21·736	−38·098	− 5	...	...
...	21·858	−58·316	− 5	...	...
...	22·403	−18·745	− 4	...	...
*	22·428	−36·240	1·15	43. 587	9·9
261					
...	+22·966	−17·445	0·65	..	...
...	23·290	−44·756	− 2	...	...
*	23·536	+ 4·171	1·45	42. 648	9·2
..	23·819	−13·592	0·70	...	...
*	24·177	−26·827	1·20	43. 588	9·9
*	+24·324	+23·900	1·30	42. 649	9·6
...	24·394	+57·097	− 3	...	...
...	24·555	−26·938	− 2	...	...
‡	24·845	−45·758	1·20	43. 589	9·7
...	25·460	+24·932	− 5	...	...
271					
...	+25·999	−13·389	− 4	...	...
S *	27·070	+ 9·775	2·15	42. 650	8·4
..	27·470	−59·359	0·65	...	...
...	27·807	+22·655	1·00	...	...
...	27·830	−37·297	− 5	...	...
*	+27·971	−38·158	2·70	43. 590	7·8
...	28·175	−58·874	− 5	...	...
...	28·283	+41·404	− 5	...	...
...	28·352	−44·006	− 5	...	...
...	28·646	+18·947	− 3	...	...
281					
...	+28·654	−54·898	− 5	...	...
...	28·915	+ 8·571	− 5	..	...
...	28·996	−33·455	− 1	...	...
...	29·367	+41·645	− 5	...	...
S N * [	29·416	−52·983	1·78	43. 591	9·2
[	+29·755	−35·215	1·15	43. 592	9·9
...	30·347	+18·162	− 4	..	...
...	31·697	−36·908	− 5	///	...
*	31·713	−35·332	1·45	43. 593	9·0
*	31·785	+ 7·565	1·25	42. 651	9·8
291					
...	+33·032	−23·814	− 5	...	...
...	33·085	+52·499	− 5	...	...
*	33·748	+ 4·097	1·15	42. 652	10·0
...	34·040	+18·297	− 5	...	...
...	34·357	+ 0·645	− 5	...	...
..	+34·556	−29·291	1·00	...	...
...	34·606	−46·507	− 5	...	...
†	34·791	+22·518	0·80	...	...
...	35·072	+42·318	− 3	...	...
...	36·016	+42·886	− 4	...	...

285. Mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
301–330					
301					
...	+36·212	+13·433	− 5	...	...
...	36·519	−54·606	− 4	...	...
...	36·532	−46·866	− 5	...	...
*	37·082	−14·189	1·10	43. 594	9·9
	37·632	+26·602	− 5	.	.
	+38·550	+27·340	− 3	...	...
	38·946	− 8·473	− 5		.
.	38·969	−24·524	− 5		
	39·055	−23·280	− 4		.
*	39·233	+31·228	1·50	42. 653	9·4
311					
*	+39·459	−40·431	1·10	43. 595	9·9
...	39·568	−32·582	− 5	..	...
...	40·145	−38·427	− 4	.	...
...	40·171	− 1·124	− 4	.	..
...	40·551	+42·800	− 5	.	...
...	+40·798	+27·309	0·65	...	...
+	40·846	−10·674	1·10	43. 596	9·8
...	41·577	+19·577	− 3	...	.
	42·393	− 1·413	0·75	..	
...	42·981	+45·579	− 5	...	.
321					
...	+43·062	+10·927	− 5	"	
	43·765	−42·858	0·65	...	
*	43·853	− 4·365	1·10	..	...
...	44·150	− 7·883	− 5	..	...
.	44·903	−43·936	− 5	.	...
.	+45·145	+12·512	− 4	...	
...	45·124	+14·918	0·65	...	.
†	45·802	+29·178	− 5	...	...
.	45·841	−52·046	− 5	...	.
...	46·149	−18·050	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
331–360					
331					
...	+46·610	+18·342	− 4	...	...
S *	46·631	+ 4·367	1·63	42. 655	9·2
..	46·778	+10·620	− 5	...	...
...	47·060	+10·424	− 5	...	...
..	47·111	+39·234	0·70	42. 654	10·1
...	+47·217	+ 6·428	1·00	42. 656	10·1
...	47·655	+ 9·944	− 4	...	...
.	47·802	−49·757	− 5	...	
..	48·171	−29·221	0·95	...	...
...	48·190	−36·856	− 4	...	...
341					
..	+48·265	+50·740	0·85	42. 657	9·6
.	48·735	+15·632	− 5	...	...
.	50·019	−60·483	− 5	..	...
.	50·174	− 7·448	− 5	...	..
.	51·282	−38·126	1·30	43. 597	10·0
.	+51·289	− 2·128	0·75	..	...
...	51·363	+33·292	0·95	42. 658	10·0
...	51·391	+ 0·963	− 2	...	...
*	51·906	+37·002	1·30	42. 659	9·4
...	51·974	−12·917	0·75	...	...
351					
S *	+52·987	+34·471	2·33	42. 660	8·6
...	53·692	+48·744	− 4	...	...
..	54·486	− 3·980	− 5	...	...
†	55·031	+20·033	− 1	42. 661	10·1
...	55·703	+56·630	− 5	.	...
	+57·028	+ 5·719	− 1	.	.
...	57·558	−35·235	− 3	.	.
...	57·594	−21·733	− 5	.	..
...	58·334	−24·621	− 5	...	.
...	58·445	+45·138	− 5	..	..

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
361					
361					
..	+58·549	+ 8·468	1·00	42. 662	10·1

1–20					
1					
*	−59·377	+ 33·183	1·00	42. 658	10·0
...	59·326	− 7·566	− 3	.	...
*	59·954	+ 36·871	1·40	42. 659	9·4
...	58·381	− 2·227	0·80	...	...
...	58·374	+ 0·873	− 1	...	...
...	−58·252	+36·840	− 5	...	...
S *	57·791	+ 34·342	2·10	42. 660	8·6
	57·702	+48·691	0·70	...	.
...	57·381	−12·338	0·90	...	...
*	57·308	−38·219	1·15	43. 597	10·0
11					
.	−56·754	+32·583	− 5	...	..
	55·748	+56·637	− 4	...	...
†	55·311	+20·036	0·85	42. 661	10·1
...	55·132	+17·544	− 5		...
...	54·799	+ 11·[illegible]	− 4	..	.
.	−52·895	+ 3·[illegible]	0·80		.
.	52·564	+26·572	− 1		.
.	51·489	−21·[illegible]	− 3	.	...
*	51·411	+ 8·585	1·05	42. 662	10·1
...	51·114	−35·[illegible]	− 1	...	.

21–40					
21					
...	−51·108	+14·060	− 5	..	...
..	50·709	+56·878	− 5	.	..
...	50·661	−24·504	− 1	.	..
...	49·826	+47·618	− 4	...	...
...	49·767	+ 1·410	0·65	...	.
..	−49·182	−11·611	− 4	.	...
.	49·147	− 3·811	− 5	..	..
..	48·912	− 7·111	− 5	M	..
...	48·069	−22·930	− 3	...	...
...	47·831	+25·662	− 5	..	...
31					
...	−46·868	−20·466	0·70	..	...
..	46·700	+14·279	− 2	..	...
.	46·647	− 7·683	− 4	...	.
...	46·403	+10·577	− 2	..	.
..	46·339	− 2·533	− 3	.	...
...	−46·306	+33·584	− 5	.	.
	45·545	+10·628	− 2	.	...
	45·502	− 1·903	0·80	.	.
.	45·425	+12·076	− 5	...	...
*	44·749	+27·036	1·20	42. 663	9·4

41–60					
41					
...	−44·524	− 5·365	0·80	...	...
...	44·254	−10·306	− 2	...	...
*	43·980	−10·363	1·00	...	...
...	43·960	+28·336	− 5	...	...
S *	43·721	−47·986	1·70	43. 598	8·6
...	−43·266	+ 2·438	− 3	...	...
.	42·750	− 8·098	− 5	M	...
*	42·540	−28·180	1·10	43. 599	10·2
.	42·232	+44·131	0·70	..	...
...	41·975	−16·648	0·75	...	..
51					
...	−41·801	+16·333	0·80	...	.
...	41·408	+ 1·291	− 5	...	...
*	40·753	−42·171	2·00	43. 600	8·2
..	40·321	− 9·111	− 4	A	..
.	40·229	−55·472	− 5	...	...
..	−39·449	+37·303	0·70	...	...
*	39·125	− 4·744	1·00	...	...
..	38·255	− 6·080	− 3	A	..
†	38·244	+44·908	− 5	...	...
...	37·616	+42·151	− 5	...	..

S measured from 1, 56, 123, 203, 279, 353.
E .. .. 24, 86, 162, 230, 315, 386.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
61–120					
61					
S *	−37·338	+15·310	1·35	42. 664	8·9
*	36·767	−24·421	1·00	43. 601	10·2
...	36·641	−23·900	− 3	...	...
S *	36·490	+28·075	1·80	42. 666	8·6
*	36·406	+24·737	1·00	42. 665	10·1
	−36·219	−19·442	0·80	...	...
...	35·945	−35·332	− 5	...	...
*	35·746	− 3·309	1·35	43. 602	10·2
.	35·099	+53·173	− 5	...	...
..	35·095	+17·698	− 4	...	...
71					
...	−33·976	−34·493	− 5	..	...
..	33·506	+29·379	− 4	.	...
...	33·498	−30·622	0·75	..	...
*	33·424	−14·264	1·40	43. 603	9·2
...	33·062	+26·522	− 5	...	...
.	−32·766	+ 1·415	− 3		..
	32·199	+38·461	0·0	.	.
..	31·756	+39·379	− 5		
...	31·723	+10·755	− 5	..	
.	31·617	+59·235	− 4		
81					
..	−31·507	−12·721	0·80		...
...	30·961	+54·524	− 5		
.	30·371	+57·745	− 3	...	
..	30·144	−32·370	− 4	..	...
...	30·139	+41·627	− 5		
..	−29·661	+37·220	− 2	..	.
..	29·004	+20·847	− 5	..	.
..	28·303	−39·576	− 4	.	...
...	28·018	+43·588	− 5	...	...
*	27·718	+17·555	1·15	42. 667	9·4
91					
...	−27·657	−26·454	− 5	.	.
...	27·288	+14·416	− 3	.	...
..	27·120	− 1·740	0·80	.	...
*	26·904	−47·263	1·0	.	.
..	26·713	+19·267	0·70	.	...
..	−26·122	−22·744	− 2	.	.
...	25·950	−12·066	− 5	...	...
...	25·556	+35·757	− 4	...	
...	25·521	+17·569	− 2	...	...
...	25·491	−17·179	− 4	...	...
101					
...	−25·431	− 1·388	− 1	..	...
...	25·255	−13·255	− 5	.	...
...	25·250	+36·588	0·65	...	...
...	25·138	+51·059	− 5	...	...
*	24·364	+44·667	1·10	42. 668	10·0
S *	−24·345	− 8·965	2·25	43. 604	7·9
...	24·276	−39·217	− 3	...	..
.	24·193	+ 1·440	− 1	...	...
...	24·089	−22·717	− 4	...	.
...	22·808	− 3·485	− 5	M	
111					
*	−22·730	−57·633	1·00	.	.
...	22·669	+ 8·048	− 5	..	.
*	22·382	−17·694	1·00	...	.
...	22·364	−10·405	− 5	.	...
...	21·892	−20·799	0·65	..	..
..	−21·867	+ 1·837	− 1	...	.
...	21·697	+51·269	− 5	..	...
*	21·455	−51·421	1·00	.	...
...	20·844	−58·054	− 5	...	..
...	20·570	−50·778	− 4	..	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
121–180					
121					
	−20·208	+50·129	0·70		
	20·189	+30·480	0·70	...	
...	19·433	+33·714	0·90		
	19·283	− 8·428	− 1		
	19·230	−39·813	− 1		
	−19·056	−28·316	− 4		
	18·739	−35·989	1·05		
*	18·620	−18·291	1·15	43. 605	10·2
	18·366	−21·632	− 3	...	...
*	18·238	+44·825	1·00	42. 669	10·1
131					
	−18·229	−39·080	− 3	..	.
	18·170	+37·181	− 5	...	...
*	18·140	+49·193	1·20	42. 670	9·2
*	18·076	−27·781	1·40	43. 606	7·9
*	17·880	−27·710	2·00		
	−17·860	+ 7·816	0·80	...	
.	17·531	−25·637	− 5		
...	16·772	−27·657	− 3		
	16·731	+38·794	− 3	.	
..	16·462	+34·601	0·75		
141					
..	−16·397	− 0·003	− 2	a	
†	16·160	−44·754	− 5		
*	15·533	−23·014	1·00		
	15·322	+37·560	− 5	...	
..	14·762	−17·212	− 4		
.	−14·674	−20·039	− 4		...
..	14·329	−38·713	0·90	.	...
.	14·020	+22·046	− 2		...
	13·276	−18·063	− 2		
*	13·242	+25·813	1·00	42. 671	10·0
151					
...	−13·231	+26·175	− 2	...	...
*	13·143	−17·814	1·10	43. 607	10·2
..	12·981	− 3·483	− 3	...	...
...	12·626	−43·512	− 4	..	...
	12·457	−48·825	0·65	...	...
	−12·147	−53·057	1·10	43. 608	10·2
...	10·400	+45·776	− 4	...	...
..	10·379	−22·910	− 1	...	...
...	10·353	+23·174	− 5	...	...
*	10·310	−28·553	1·05	43. 609	10·2
161					
.	−10·248	−34·924	− 1	...	
..	9·948	+32·668	− 3	...	...
..	9·521	+29·287	− 3	...	
.	9·286	+23·840	− 4	...	..
...	8·909	−58·679	− 3	.	...
...	− 8·904	+25·223	− 5	...	
...	8·434	−44·391	− 1	.	
...	8·407	−16·478	0·70	.	
...	8·114	+48·267	0·70		...
...	7·889	−11·660	− 4	M	.
171					
...	− 7·861	+35·306	− 3	...	
..	7·293	+58·801	− 3	...	
.	7·222	−28·793	0·65	...	..
...	6·911	−11·286	− 4	M	
...	6·822	+55·287	− 5	...	...
..	− 6·647	−41·404	0·70		
..	6·520	+58·490	− 5		
†	6·436	+10·123	− 4	..	
.	6·065	+45·046	− 4	...	
*	6·003	−31·696	1·05	.	

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
181–240					
181					
	− 6·002	−32·707	− 5	M	..
.	5·998	− 1·323	− 2		.
	5·182	+28·699	− 5	...	
..	4·703	+36·482	− 1		
..	4·532	−35·965	− 4		.
	− 4·244	−31·336	1·00	43. 610	10·2
	4·077	−11·490	0·80	...	...
*	4·072	−30·202	1·15	43. 611	10·2
	3·969	−40·918	− 5		...
*	3·900	−46·159	1·30	43. 612	9·4
191					
.	− 3·832	+21·027	− 3	...	...
	3·467	−25·452	1·20	43. 613	10·0
	3·151	+20·445	− 4	...	
...	2·799	+57·350	− 5	m	
...	2·599	−54·232	− 1	...	...
	− 2·404	− 8·768	− 5	M m	
	1·786	+53·925	− 1		.
*	1·550	−17·764	1·60	43. 614	8·8
*	1·398	+11·432	1·10	42. 672	10·1
.	1·361	−30·247	− 4	M m	...
201					
...	− 1·050	− 8·926	− 4	M m	
	− 0·[illegible]	−52·327	− 3		.
*	+ 0·485	−53·857	1·00	...	
.	0·819	+14·702	− 5	m	..
...	0·988	−34·254	− 5	m	.
	+ 2·129	+39·788	− 4	..	
...	2·875	−31·980	0·85	..	
...	2·959	+29·802	− 2	...	...
	2·997	− 0·008	− 3	M m	
S *	3·801	+31·297	1·13	42. 673	9·7
211					
..	+ 4·405	+27·178	0·80	..	.
	4·629	+ 3·157	− 4	M m	...
	5·953	+22·789	− 3	...	...
.	6·214	+10·871	− 4	m	
*	6·262	+40·591	1·00		
.	+ 6·295	+15·095	0·75	.	
	7·032	+37·534	0·70		...
	7·035	+52·122	− 3		
	7·098	− 5·165	0·90	...	.
*	7·128	+44·571	1·10	42. 674	10·0
221					
...	+ 7·186	+27·619	− 5	m	..
.	7·407	−46·747	0·90	..	..
	7·492	+ 9·434	− 4	m	...
	7·699	− 6·731	− 1	..	...
	8·442	−14·354	− 5	m	..
...	+ 9·074	+16·622	− 5	m	...
	9·158	+47·911	0·75	...	...
...	9·626	+53·949	− 5	...	...
...	9·733	−36·508	− 4	..	
.	10·051	−32·434	− 2	...	...
231					
.	+10·187	−35·014	− 5	...	.
.	10·796	+ 7·505	− 4	m	...
...	11·114	−23·765	− 4	...	
.	11·155	+58·491	− 5	..	
...	11·244	+ 7·423	− 3	m	.
	+11·527	− 6·908	− 3	...	
.	11·696	−12·276	0·80	...	.
.	12·051	+12·525	− 2	...	...
.	12·230	− 8·971	1·10	43. 615	10·2
S *	12·923	+51·298	1·33	42. 675	9·2

Notes.	Co-ordinates. x.	y.	Diam. − 1.	C.P.D. No.	Mag.
241-300					
241					
...	+13·040	−35·723	− 5	.	...
..	13·245	−56·580	− 4	..	...
.	13·277	+29·322	− 4	..	..
*	14·184	−45·866	1·10	...	...
	14·239	+41·112	0·80	42. 676	10·0
...	+14·877	− 9·553	− 2	...	...
.	14·977	+ 3·985	1·15	42. 677	9·4
...	15·033	+35·628	0·65	...	...
...	15·081	−22·474	− 2	...	...
*	15·238	−12·988	1·00	43. 616	10·2
251					
*	+15·705	−44·613	1·00	43. 617	10·2
..	16·287	− 2·062	− 5	m	..
*	16·540	−48·529	1·05	...	..
...	16·805	+45·620	− 3	.	...
...	16·877	+35·414	0·70	..	...
..	+17·090	+11·847	− 5	m	...
...	17·115	+42·307	− 2	...	.
...	17·217	+24·071	− 5	m	...
...	17·531	+55·647	− 3	...	..
.	17·672	+57·168	− 5	...	...
261					
...	+18·009	+28·988	− 4	.	...
	18·096	+52·984	− 3		..
..	18·211	−56·075	− 4	...	...
	18·370	−15·793	0·70	...	...
*	18·502	+30·272	1·10	42. 678	9·8
...	+18·528	+57·711	− 4	...	...
.	18·634	−40·224	− 3	...	...
*	18·678	+ 7·757	1·05	42. 679	10·0
..	18·699	+ 1·879	− 4	m	...
S *	18·819	−51·035	2·03	43. 618	8·4
271					
.	+18·955	+26·114	0·75	...	...
..	19·084	−35·068	2·30	43. 619	8·0
..	19·171	− 7·360	− 3	...	...
..	19·270	+32·733	0·65	...	...
...	19·341	−28·480	0·80	...	...
*	+19·466	− 3·962	1·30	43. 620	9·4
	19·699	−56·189	0·70		...
...	19·848	−37·352	− 5	..	...
..	19·914	+48·416	− 5		..
...	20·273	+47·157	− 1		.
281					
...	+20·770	+33·649	− 4	..	..
...	20·993	−49·000	− 2	..	...
..	21·607	−47·438	− 5	..	...
*	21·665	−42·067	1·10	43. 621	10·0
‡	21·818	+59·971	1·05	42. 680	10·0
*	+22·082	+27·387	1·20	42. 681	9·6
	22·385	+43·170	− 5	..	...
	22·625	+39·367	− 3	...	..
	22·807	−39·447	2·00	43. 622	8·4
.	22·858	+28·479	− 3	...	...
291					
*	+23·621	+13·770	1·15	42. 682	9·8
...	23·813	−20·451	− 4	...	...
*	24·224	−52·472	1·20	43. 623	9·7
...	24·388	−10·191	− 5	m	..
	24·471	−12·300	− 4	...	...
	+24·603	−23·581	− 3	...	...
*	25·087	−46·291	2·00	43. 625	8·2
*	25·095	− 1·043	1·10	43. 624	10·2
...	25·135	+37·651	− 5	.	...
*	25·614	+ 7·704	1·15	42. 683	9·8
301-360					
301					
..	+25·618	+40·988	− 4	...	...
*	25·664	−28·106	1·00	...	..
†	25·875	+ 0·135	0·65	a	...
...	25·921	− 0·944	− 3	...	...
...	26·100	− 3·740	− 5	m	...
..	+26·410	+ 4·541	− 4	..	...
*	26·417	−33·107	1·00	...	...
...	26·466	+ 8·894	0·80	..	...
...	26·896	−30·290	− 5	...	...
...	27·607	−49·760	− 5	...	..
311					
...	+29·241	−33·426	− 4	...	...
...	29·542	−30·282	− 5	.	...
...	29·563	+40·442	0·90	...	...
*	29·723	+31·967	1·05	42. 684	10·0
*	30·516	−35·369	1·00	...	...
...	+30·942	+46·371	− 5	...	...
*	31·164	+29·644	1·00	42. 685	10·0
...	31·182	+ 5·537	− 3	...	...
...	31·443	+ 6·956	− 5	m	...
*	31·468	−58·601	1·10	43. 626	10·2
321					
...	+31·840	−55·999	− 5	...	...
	32·175	+ 1·282	− 5	m	...
	32·840	−19·484	− 4	...	...
...	33·077	−17·217	− 2	...	...
...	33·385	+13·814	− 4	...	...
...	+33·770	−57·752	0·80	...	...
N *	33·910	+37·365	2·50	42. 686	7·2
N	33·942	+37·217	2·00		
...	33·939	− 0·720	− 1	...	...
...	34·059	+11·202	− 4	...	...
331					
*	+34·092	+32·516	1·30	42. 687	8·9
*	35·040	− 1·866	1·15	43. 627	10·2
..	35·094	−29·524	− 3	...	...
..	35·445	−33·073	− 5	m	...
...	35·565	+40·475	0·80	...	...
*	+35·696	+ 1·329	1·15	42. 688	9·8
...	35·711	+35·207	− 1	...	...
...	35·739	+30·364	0·80	...	...
*	35·923	+ 4·672	1·05	42. 689	10·0
S *	36·070	+12·253	1·70	42. 690	8·5
341					
...	+36·708	− 1·026	0·80	..	...
*	37·311	+ 2·819	1·00	...	...
...	37·381	+14·199	− 4	...	...
...	37·795	− 3·641	− 2	...	..
...	38·178	− 6·189	− 5	m	...
...	+38·207	+ 9·112	0·80	42. 692	10·1
*	38·398	+39·098	1·05	42. 691	10·1
...	38·465	+50·552	− 4	...	...
...	38·732	+41·562	− 5	m	...
*	38·962	−29·995	1·15	43. 628	9·8
351					
...	+39·143	−23·636	0·70	...	...
...	39·559	−54·536	− 4	...	...
†	39·914	− 9·600	0·75	...	...
...	40·198	−20·125	− 2	...	...
...	40·406	+26·135	0·90	...	...
S *	+40·909	+45·176	1·38	42. 693	9·1
...	41·292	+ 0·899	− 4	m	...
...	41·857	−53·520	− 2	...	...
*	41·976	+53·082	1·00	42. 694	10·0
...	42·100	+19·335	0·80	...	...
361-418					
361					
...	+42·932	+48·100	− 3	...	...
*	43·344	−59·189	1·00	...	...
...	43·430	−22·508	− 4	...	...
...	43·492	−55·489	− 3	...	...
..	43·647	+17·985	− 1	...	...
...	+43·902	+34·698	− 5	...	...
...	44·398	−20·289	− 5	m	...
..	44·538	−26·087	− 4	...	...
...	44·569	− 5·717	0·90	...	...
...	44·747	+14·972	− 5	...	...
371					
...	+44·971	+44·166	− 2	..	...
...	45·015	+54·492	− 5	...	...
*	46·075	−23·910	1·10	43. 629	10·0
*	46·389	+23·941	1·25	42. 695	9·1
...	46·752	+49·647	− 5	...	...
...	+46·802	−25·152	− 4	a	...
...	46·855	+ 3·118	0·80	...	...
...	47·724	+26·391	− 1	...	...
...	47·733	−37·559	0·85	...	...
...	47·777	+27·818	− 4	...	...
381					
*	+48·727	+11·053	1·20	42. 696	9·2
*	49·025	−13·680	1·00	...	...
*	49·692	−38·858	1·10	43. 630	10·2
†	49·707	+41·965	− 3	...	..
...	49·773	−24·926	− 2	..	...
†	+49·865	+28·954	− 4	...	...
...	50·232	−52·461	− 5	...	...
S ‡	50·288	−49·639	1·33	43. 631	9·4
..	50·411	+51·018	− 3	...	...
...	50·425	− 5·572	− 4	...	...
391					
...	+50·625	−40·072	− 1	...	...
..	50·962	+32·696	− 5	e	...
...	51·171	−48·087	− 3	...	...
...	51·880	+31·227	− 5	e	...
...	51·915	−48·287	− 4	...	...
...	+51·941	+ 2·922	− 5	e	...
...	52·492	−31·805	− 1	...	...
†	52·531	+ 5·179	− 1	...	...
...	52·982	+37·421	− 4	...	...
S *	53·800	− 7·219	1·38	43. 632	9·0
401					
..	+54·279	−25·730	0·80	...	...
..	54·305	−35·512	− 5	...	...
...	54·430	+33·698	− 3	...	...
*	54·590	−27·407	1·20	43. 633	10·0
S ‡	54·850	+59·085	1·50	42. 697	8·8
...	+55·299	+20·359	− 5	...	...
...	55·723	+18·387	− 2	...	...
...	55·752	−37·229	0·75	...	...
...	56·338	− 1·525	− 3	...	...
...	56·664	−46·937	− 3	...	...
411					
...	+56·691	+47·835	− 5	...	...
*	56·864	+14·518	1·10	42. 698	9·8
...	56·926	−20·519	− 3	...	...
...	57·514	+32·067	0·80	...	...
...	57·871	+42·636	− 1	...	...
...	+57·966	+23·527	0·80	...	...
...	59·027	−33·223	− 4	...	...
...	59·361	+16·294	− 5	...	...

327. 328. 42°·34. mass.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	″.	″.	0·70.	No.	Mag.
1–60					
1					
..	−59·890	+32·139	− 5	M	.
...	59·733	+32·568	− 5	E	...
†	59·211	−25·066	− 2	...	...
	59·142	− 5·707	− 3		.
	58·869	−39·000	1·00	43. 630	10·2
..	−58·801	+31·118	− 5	E	...
S *	57·948	−49·741	1·60	43. 631	9·4
	57·902	−40·181	0·70	..	..
.	57·868	+ 2·826	− 3	E	..
..	57·854	+37·344	− 3	..	.
11					
*	−57·351	+ 5·120	1·00	...	.
...	57·125	−48·165	− 1	...	...
S *	56·645	+59·052	1·60	42. 697	8·8
.	56·377	−48·350	− 3	...	...
...	56·320	+33·055	− 2	.	...
...	−56·291	−31·864	0·80	.	...
...	56·196	−29·262	− 5	..	...
S *	55·903	− 7·243	1·50	43. 632	9·0
.	55·051	+20·361	− 2	...	.
...	54·670	−25·737	0·90	...	..
21					
...	−54·560	+18·408	− 1	...	...
	54·432	+47·860	− 4	...	...
*	54·317	−27·393	1·10	43. 633	10·0
...	53·344	− 1·485	− 1	...	...
*	53·296	+14·570	1·10	42. 698	9·8
...	−53·173	+32·130	0·80	...	...
...	53·131	+42·695	0·80	...	...
...	52·870	+17·075	− 4	M	...
...	52·867	−37·178	0·75	...	...
...	52·534	−13·189	− 5	M	..
31					
...	−52·475	+23·608	0·85	...	...
...	52·189	−20·441	− 1	...	...
...	51·669	−46·853	− 1	...	.
...	50·860	+16·421	− 3	...	...
...	50·313	−16·299	− 3	...	..
...	−49·700	−33·089	− 3	...	..
...	49·556	+ 3·839	− 1	...	..
...	49·013	+12·487	0·90	..	...
...	48·849	−31·469	− 3	...	...
...	48·724	−10·932	− 2	...	...
41					
...	−47·718	+ 1·183	− 1	...	...
...	46·335	+25·539	0·85	...	...
...	45·767	−32·003	− 1	...	...
...	45·661	+11·925	− 4	M	...
†	45·406	−35·023	− 4	...	...
...	−45·369	+11·956	0·90	...	...
...	44·436	+ 7·942	− 5	M	...
...	44·170	+ 9·042	− 5	M	...
...	44·020	+49·607	0·90	...	...
*	43·973	+45·503	1·00	...	.
51					
†	−43·937	+29·887	− 5	M	...
...	43·247	+24·580	− 3	...	...
...	42·515	+20·124	− 3	M	...
...	42·323	+42·761	0·70	...	...
..	42·098	+30·288	− 4	M	...
...	−42·017	+42·827	− 5	...	...
...	41·989	− 0·927	− 1	...	...
+	41·925	+20·140	1·00	42. 699	10·1
..	41·886	+42·903	0·85	...	...
...	41·756	−58·279	0·70	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	″.	″.	[illegible]	No.	Mag.
61–120					
61					
...	−41·657	−41·31[illegible]	0·65	..	
*	41·531	−15·487	1·0[illegible]	...	...
...	41·305	+ 3·642	− 5	M	...
*	41·174	+30·709	1·00	...	.
..	40·787	+36·542	− 4	M	.
S	−40·755	+59·[illegible]09	1·43	42. 700	9·2
..	40·392	+41·578	0·90	...	...
..	40·315	+14·220	0·85	...	...
*	40·240	+ 9·754	1·80	42. 701	8·2
..	39·444	+57·728	− 3	..	...
71					
.	−39·418	−11·078	− 1	..	...
*	39·385	−36·250	1·30	43. 634	9·2
	39·078	+59·736	1·00	42. 702	10·1
	38·771	−42·529	− 3	...	.
...	38·617	− 6·632	0·75	.	
...	−38·572	+ 3·[illegible]	0·75		
	38·568	−35·995	− 2		.
	38·413	−42·415	− 5	...	.
S *	38·340	−56·944	1·65	43. 635	9·0
...	38·307	−29·114	− 2	.	...
81					
...	−37·933	+17·[illegible]16	− 4	M	...
..	37·909	−29·024	− 1	..	...
...	37·884	− 6·990	− 3		..
*	37·815	−46·599	1·00	.	..
...	37·799	+26·397	0·70	.	...
...	−37·442	+28·998	− 4	M	..
..	37·366	−42·100	− 2	.	.
...	36·944	+ 6·332	− 5	M	..
.	36·842	+18·393	0·80	.	...
...	36·634	−22·649	0·75	..	.
91					
...	−35·965	−23·689	0·70	...	...
...	35·689	−30·807	0·65	...	..
...	35·649	+45·916	0·70	.	...
*	34·869	−15·671	1·10	43. 636	10·0
*	34·524	−24·496	1·00	...	.
...	−34·271	−33·752	− 5	M	...
...	34·166	−37·263	− 5	..	.
...	33·782	+16·145	− 5	M	.
...	33·763	+20·882	− 2	..	.
*	33·690	−52·698	1·25	43. 637	9·8
101					
...	−33·555	−13·429	− 4	B	...
†	33·320	−20·030	− 3	..	...
...	33·056	−46·515	− 3	...	.
..	33·021	+26·692	− 2		...
...	32·357	+48·879	− 1	.	...
..	−31·419	−28·212	− 1		
...	31·279	− 4·542	− 3	...	...
*	31·168	+13·788	1·30	42. 703	8·8
...	30·828	+ 4·381	0·80	..	...
..	30·570	−31·109	0·85		
111					
...	−30·446	−58·656	− 2	...	.
...	30·081	−41·738	− 5	...	...
...	29·937	+50·455	− 2	...	...
...	29·922	+15·396	− 5	M	...
...	29·413	−18·699	− 5	M	.
...	−29·291	+39·544	− 1	..	..
...	29·288	+35·659	− 5	M	...
...	29·270	+32·558	0·90	...	.
...	29·197	−17·504	− 3	..	.
...	29·064	+32·031	− 5	M	..

Notes.	Co-ordinates.		Diam.	C.P.D.	
	″.	″.	0·70.	No.	Mag.
121–180					
121					
...	−28·957	+28·166	− 5	M	..
...	28·355	+18·311	− 3	A	...
*	28·[illegible]14	−37·[illegible]96	1·[illegible]	43. 638	10·2
S *	27·798	−27·784	2·00	43. 640	8·1
*	27·695	−35·508	1·[illegible]	43. 639	10·2
	−27·280	+33·186	0·65	...	..
.	27·084	−21·848	− 3	...	...
...	26·955	− 1·[illegible]	− 4	M	
...	26·617	−25·885	− 2	...	
.	26·597	+38·[illegible]	− 3	...	.
131					
...	−26·383	−29·825	− 3	B	
..	26·158	−13·564	− 2	..	
...	26·016	−40·272	0·90	..	
..	25·[illegible]	− 8·687	− 1	..	...
...	25·397	−19·382	− 5	M	...
..	−25·345	+43·926	− 3	..	
...	25·189	−19·023	0·70	...	
	25·188	− 6·096	− 5	M	
..	24·690	− 4·789	− 2	...	...
..	24·598	+46·935	1·00	42. 704	10·0
141					
	−24·367	+13·612	− 1	.	
	24·280	−37·550	− 2		...
...	23·976	+47·508	− 4	...	
..	23·843	− 2·591	− 2	...	
.	23·516	+ 7·424	0·65	.	
	−23·395	+ 2·811	− 4	M	.
*	23·298	−10·717	1·00	...	..
...	23·248	−24·506	0·80	.	
.	23·198	−27·067	− 5	M	
...	23·151	+28·163	0·65		...
151					
.	−23·123	+ 5·[illegible]27	− 5	M	...
	22·931	−12·631	1·10	43. 641	9·7
.	22·817	−25·[illegible]66	− 5	.	...
	22·235	+57·511	1·[illegible]	42. 705	10·0
.	22·212	+45·[illegible]80	0·90	.	..
	−22·059	−23·[illegible]76	− 3	...	...
.	21·997	+26·949	− 5	M	
...	21·835	+22·498	− 4	M	
.	21·586	+36·590	0·70	...	
..	21·380	−13·910	0·75	...	...
161					
..	−21·234	+ 7·193	0·75	...	...
...	21·159	+36·004	− 5	M	...
	20·663	+19·665	1·00	42. 706	10·0
.	20·293	+34·143	− 4	M	...
...	19·958	+ 0·697	0·80	..	.
..	−19·895	+14·[illegible]90	− 2	..	...
.	19·822	+52·225	− 5	.	..
.	19·122	+31·017	− 5	M	..
..	19·022	+38·284	0·65	...	..
..	18·882	+54·275	− 2	...	...
171					
	−17·854	−44·309	1·00	43. 642	10·2
...	17·756	−10·565	0·70	...	...
	17·553	+41·536	1·00	42. 707	10·1
...	17·234	−27·093	− 5	M	...
..	16·963	−33·804	− 4	...	...
	−16·841	−41·840	− 4	...	...
	16·668	−44·985	1·00	43. 643	10·2
.	16·482	+30·713	0·65	...	..
...	16·349	+26·994	− 4	M	...
...	16·195	−52·614	− 2	...	...

S measured from [illegible], 125, [illegible], 435.
SB ,, .. 36, 113, 169, [illegible], 475.

Notes.	Co-ordinates. x.	y.	Diam. 0·70.	C.P.D. No.	Mag.
181–240					
181					
*	−15·732	−58·148	1·20	43. 644	9·7
†	15·496	−39·964	0·70	...	...
...	15·342	+43·931	− 2	...	...
...	15·221	+35·555	− 5	M	..
	14·793	+51·773	− 4	...	.
.	−13·957	+ 9·602	− 4	M	...
	13·846	−11·046	1·00	43. 645	10·2
...	13·741	−25·302	− 4	...	...
	13·719	−45·474	− 2	...	...
.	13·228	−45·715	− 5	...	...
191					
*	−12·991	+ 1·851	1·00	42. 708	10·1
...	12·990	+47·753	− 4	...	...
*	12·739	+45·653	1·00	...	...
*	11·938	−42·531	1·20	43. 646	9·4
	11·317	−54·017	− 2	...	...
.	−10·787	+25·473	0·75	...	...
	10·546	−36·617	− 2	...	...
.	10·446	− 1·678	− 3	...	...
S *	9·471	+13·526	1·45	42. 709	8·8
...	9·193	+31·583	0·90	...	...
201					
..	− 8·851	+39·932	− 3	M	..
	8·538	+26·736	− 4	M	.
..	8·520	−22·893	− 3	..	...
...	8·296	+20·813	− 3	M	...
...	8·012	+10·880	− 3	M	.
...	− 7·794	+55·849	− 5	...	..
...	7·740	+31·916	− 5	M	.
*	7·730	+25·379	1·00	...	...
	7·719	−25·755	0·65	...	...
.	7·591	+48·255	− 5	M	..
211					
...	− 7·296	+32·274	− 2	...	..
	7·193	+ 8·814	− 5	M	...
*	7·089	−40·916	1·00	...	...
...	7·013	−32·577	− 3	...	...
...	6·875	−30·561	− 1	...	...
	− 6·762	+45·818	− 4	...	..
	6·701	+12·077	− 5	M	..
	6·438	−15·241	− 1	...	...
*	6·135	−30·082	1·00	...	...
	5·919	+47·604	− 4	M	.
221					
	− 5·728	+35·783	− 3	...	..
*	5·703	+37·165	1·05	...	.
	5·594	+47·353	− 5	M	...
	5·543	−49·901	0·65	...	.
	5·228	− 1·815	− 5	M	..
	− 4·830	−16·801	− 1	..	...
	4·631	+16·199	0·70	...	..
	4·496	−34·441	− 5	M *m*	..
..	4·448	+42·886	0·65	...	.
.	4·100	−39·724	0·65	...	..
231					
	− 3·774	−59·235	− 2	...	.
*	3·540	+20·175	1·10	42. 710	9·6
	3·289	+ 3·770	− 2	A *m*	...
	3·252	+ 8·998	0·80	...	..
	3·095	+33·516	− 5	M *m*	.
	− 2·193	+33·569	− 4	.	.
	2·063	+23·360	− 4	M *m*	..
	1·909	+22·018	0·70	.	...
	1·294	−36·161	− 3	.	...
	1·187	−43·313	− 3	*m*	

Notes.	Co-ordinates. x.	y.	Diam. 0·70.	C.P.D. No.	Mag.
241–300					
241					
*	− 1·064	+36·961	1·20	42. 711	9·4
†	1·031	−29·866	− 3	*m*	...
...	0·833	+51·650	− 2	...	...
S *	− 0·454	− 1·698	2·48	43. 647	7·6
...	+ 0·419	+ 1·707	0·75	...	...
...	+ 0·499	+50·327	− 1	...	...
...	0·501	−33·315	− 5	M *m*	...
..	0·503	+41·166	− 3	...	...
.	0·557	−52·644	− 2	...	...
...	0·870	+37·345	− 2	...	...
251					
...	+ 0·881	+32·348	− 5	M *m*	...
*	1·143	+44·081	1·05	42. 712	9·6
..	1·143	− 9·696	− 5	M *m*	...
...	1·227	+21·029	− 1	...	...
...	1·555	−18·091	0·85	...	...
...	+ 1·709	+ 3·365	− 4	M *m*	...
*	1·781	−11·799	1·00	...	...
...	1·790	+54·726	− 1	...	...
...	1·955	−55·482	− 4	*m*	...
*	2·305	−30·089	1·30	43. 648	9·2
261					
S *	+ 2·393	+20·036	1·13	42. 713	9·2
..	2·402	+ 0·180	− 4	M *m*	...
	3·028	+16·130	− 1	...	...
	3·390	−38·608	0·80	...	...
...	3·907	+37·935	− 5	M *m*	...
..	+ 4·042	−23·556	− 5	M *m*	..
†	4·288	− 5·038	− 5	M *m*	
..	4·647	+28·753	− 5	*m*	...
.	4·678	+48·007	− 5	...	..
...	5·157	−35·293	− 3	M	...
271					
...	+ 5·195	+40·141	− 3	...	...
..	5·391	− 2·049	− 2	*h*	...
...	6·087	+36·652	− 5	*m*	..
.	6·206	+ 4·151	0·70	...	...
...	6·302	+14·694	0·80	...	
...	+ 6·311	+ 5·306	− 4	*m*	..
	6·367	−22·978	1·00	...	..
...	6·396	+18·788	− 5	*m*	...
...	6·403	− 6·994	− 5	*m*	...
..	6·469	−28·485	− 3	...	...
281					
...	+ 6·649	+11·057	− 4	*m*	...
...	7·378	+15·963	− 3	...	...
†	7·530	+39·918	− 3	...	...
...	7·566	− 9·437	0·70	..	...
*	7·716	+34·181	1·00		...
...	+ 8·276	−49·589	0·70		...
*	8·301	−32·871	1·00	...	...
.	8·533	− 7·311	− 3	*h*	...
.	8·614	+47·123	− 1	...	...
.	8·736	−21·145	− 4	...	...
291					
...	+ 8·953	−12·111	− 5	*m*	...
	9·062	+30·473	− 5	*m*	...
	9·415	−22·235	− 3	...	..
...	9·419	− 8·054	− 4	*m*	...
...	9·483	−36·139	− 1	...	...
*	+ 9·706	+24·830	1·00	...	...
*	10·082	−21·137	1·25	43. 649	9·0
.	10·458	−17·463	0·90	...	...
	10·488	− 0·345	− 2	*a*	...
	10·693	+20·400	− 3	*m*	...

Notes.	Co-ordinates. x.	y.	Diam. 0·70.	C.P.D. No.	Mag.
301–360					
301					
*	+10·870	+50·894	1·00	42. 714	9·9
...	11·013	−47·780	− 4	...	...
*	11·596	−47·562	1·35	43. 650	8·9
...	11·597	+ 3·359	− 5	*m*	...
*	11·932	+48·448	1·00	42. 715	9·9
...	+11·985	+49·749	− 2	..	...
*	12·293	−43·945	1·00	...	...
...	12·341	−56·165	0·80	...	...
...	12·805	−24·558	− 2	...	...
...	12·881	+46·061	− 2	...	...
311					
...	+13·095	−37·356	− 3		...
...	13·490	+24·670	0·65	..	...
...	13·497	+13·812	− 5	*m*	...
*	14·348	+37·044	1·15	42. 716	9·2
...	14·369	−19·742	− 1	*a*	...
...	+14·577	+24·100	− 3	...	...
...	14·924	+34·045	− 5	...	...
...	15·829	+36·575	− 3	...	...
...	16·119	+32·954	− 3	..	...
...	16·365	+50·280	− 2	..	...
321					
...	+16·492	+15·890	− 2	...	..
†	16·507	+39·803	0·65	...	...
†	16·957	−19·875	− 3	..	..
...	17·141	−14·266	− 4	*m*	...
...	17·624	−35·767	− 5	*m*	...
...	+17·629	+33·429	− 5	...	...
.	17·655	−33·842	0·65	.	...
†	17·666	+ 9·905	0·70	...	...
...	17·727	+20·749	− 1	..	...
..	17·786	+41·985	− 3	...	..
331					
...	+18·114	−12·245	− 5	*m*	...
*	18·463	−51·703	1·00	...	...
*	18·691	+16·347	1·15	42. 717	9·2
..	18·770	−16·415	− 2	...	...
*	18·849	−44·213	1·00	...	...
...	+18·893	+55·068	− 3	...	...
...	19·036	−27·410	− 2	...	...
*	19·045	+ 3·228	1·40	42. 718	8·6
...	19·231	−27·118	− 2	...	...
...	19·283	−24·672	− 3	*m*	...
341					
...	+19·333	−15·556	− 4	*m*	...
...	19·355	−36·035	− 5	*m*	...
...	19·612	+ 5·336	− 4	*m*	...
*	20·137	+34·263	1·00	42. 719	9·8
*	20·240	+24·763	1·00	42. 720	9·9
*	+20·518	+14·009	1·10	42. 721	9·6
..	20·910	−52·118	− 5	*m*	...
*	20·983	−32·013	1·30	43. 651	9·0
..	21·305	+41·425	− 2	..	...
...	21·380	−19·783	0·75	...	...
351					
...	+21·484	−46·626	− 2	...	...
..	21·703	−15·926	− 2	...	...
...	21·878	+10·816	0·75	...	...
*	21·921	+44·730	1·25	42. 722	9·0
.	21·991	+ 8·624	− 2	...	..
.	+22·334	+56·002	− 5	...	...
..	22·635	+53·769	− 4	...	...
*	22·840	+42·361	1·00	...	...
...	23·456	+57·156	0·80	...	...
..	23·473	+15·106	0·70	...	...

361-410

Notes.	Co-ordinates. x.	y.	Diam. 0·70.	C.P.D. No.	Mag.
361					
...	+23·689	+16·459	− 1	...	...
*	23·697	−38·280	1·35	43. 652	8·8
...	23·943	−47·685	− 1	...	...
...	24·368	+53·173	0·75	...	...
...	24·372	−42·697	0·70	...	...
...	+24·702	−21·512	− 2	...	...
...	25·877	+30·678	− 4	...	...
...	25·890	−42·273	0·70	...	...
...	26·393	−42·654	− 3	...	...
...	26·487	+32·054	− 3	...	...
371					
...	+26·617	−11·959	− 5	m	...
...	26·694	−21·358	− 1	...	..
...	26·698	− 0·062	0·65	...	...
*	26·711	− 3·631	1·00	...	...
...	26·746	−26·545	− 3	...	..
...	+26·887	− 7·229	0·70	..	..
...	27·044	−42·965	− 4	...	...
...	27·095	−23·510	− 4	m	...
...	27·160	−55·755	− 2	...	...
...	27·554	+ 7·862	− 3	...	...
381					
...	+27·593	−12·883	− 5	m	...
...	27·698	+40·110	− 3	...	...
..	28·028	−39·200	− 3	b	...
...	28·184	−12·838	− 5	m	...
...	28·232	+46·460	− 4	...	...
...	+28·378	−31·454	0·80	...	...
...	28·432	−48·327	− 5	m	...
...	28·513	−50·300	0·80	...	...
...	28·629	+ 5·777	− 2	...	...
*	29·353	−29·994	1·10	43. 653	9·8
391					
†	+29·824	−23·886	− 3	...	...
...	30·101	+43·093	− 5	..	...
...	30·175	−47·177	− 5	...	...
...	30·326	+51·497	− 2	...	...
...	30·376	+43·965	− 2	...	...
...	+30·520	−40·914	− 3	...	...
...	30·749	+ 5·344	− 3	...	...
...	30·780	+45·093	− 4	...	...
...	30·945	+52·397	− 3	...	...
†	31·012	−24·840	− 3	...	..
401					
...	+31·016	+51·730	− 1	...	...
...	31·693	+42·247	− 3	...	...
...	31·817	+16·147	− 1	...	...
*	31·852	−20·565	1·00	43. 654	10·2
...	32·339	+14·147	− 1	...	...
...	+32·473	−35·034	− 3	b	...
...	32·596	+31·971	− 5	...	...
‡	32·745	+49·901	1·15	42. 723	9·8
†	33·217	+44·824	− 2	...	...
...	33·561	+34·384	− 5	...	...

411-460

Notes.	Co-ordinates. x.	y.	Diam. 0·70.	C.P.D. No.	Mag.
411					
*	+33·680	+45·489	1·10	42. 724	9·7
*	33·893	+22·223	1·10	42. 725	9·2
.	33·926	− 3·308	− 3	m	...
†	33·955	+29·949	− 1	.	.
...	34·309	−45·128	− 5	..	..
...	+35·348	−18·679	− 2	.	..
...	35·350	−18·513	0·90	...	...
.	35·601	+18·044	− 3	...	...
...	36·314	−42·978	− 5	...	...
...	36·419	− 7·047	0·65	...	...
421					
...	+36·617	−58·821	− 5		...
S *	36·778	+40·487	1·30	42. 726	8·8
...	36·782	−11·303	− 1	...	...
*	37·134	+ 6·174	1·00	42. 727	9·9
..	37·539	−40·927	− 4	..	...
...	+37·722	−58·069	− 2	...	..
...	37·926	−47·456	− 2	...	..
*	38·188	−11·965	1·15	43. 655	9·9
...	38·345	−57·289	− 5	..	..
...	38·570	−12·469	− 1	...	...
431					
...	+38·583	+35·914	− 3	.	...
...	38·884	−37·999	0·70	..	..
...	39·208	−21·593	− 3	...	..
*	39·634	−52·819	1·25	43. 656	9·6
...	40·434	−48·319	− 4	...	...
...	+40·508	−20·593	0·75	...	...
...	40·647	+13·966	− 1	...	...
...	41·497	+30·051	0·85	..	..
...	41·590	−21·151	− 1	..	..
...	41·921	− 8·791	− 3	m	...
441					
...	+41·952	+24·152	− 3	...	..
...	42·750	+39·144	0·80	...	...
...	42·778	+13·134	0·70	...	...
*	43·055	− 7·184	1·00	...	...
...	43·298	−52·105	− 4	m	...
...	+43·554	−26·734	− 5	m	...
...	43·578	−36·554	− 4	m	..
...	43·665	+12·657	− 1	...	...
..	43·850	+30·852	0·70	...	...
...	43·969	−41·533	0·75	..	...
451					
...	+44·045	+49·583	0·85	42. 728	9·9
S ‡	44·917	−33·645	2·00	43. 657	8·2
*	44·965	+27·490	1·25	42. 729	9·2
...	45·846	+36·759	− 2	..	...
...	46·042	+30·152	− 4	...	...
...	+46·200	+13·296	− 4	..	...
...	46·347	+50·415	− 5	...	...
...	46·479	+11·911	− 5	m	...
...	46·733	+26·247	− 3	...	...
...	46·783	−21·992	− 3	d	...

461-500

Notes.	Co-ordinates. x.	y.	Diam. 0·70.	C.P.D. No.	Mag.
461					
...	+46·850	−50·614	− 5	...	...
..	47·072	+ 9·911	− 4	m	...
..	47·161	−26·542	− 5	..	...
.	47·373	−40·659	− 1	...	..
...	47·953	+54·127	0·85	42. 730	9·9
...	+48·079	− 3·686	− 2	..	...
...	48·184	+ 5·559	− 1	...	...
.	48·314	+24·906	− 5	...	...
*	48·419	−14·464	1·05	43. 658	10·2
...	48·575	+28·548	− 5	m	...
471					
*	+48·799	−32·031	1·15	43. 659	9·8
...	49·022	+ 9·737	− 2	...	..
*	49·302	+39·463	1·10	42. 731	9·8
...	49·402	−15·665	− 5	m	..
...	49·834	− 8·839	− 3	...	...
...	+50·415	−30·300	− 5	m	...
*	50·682	−22·666	1·00	..	...
...	52·079	+46·921	− 5	...	...
S *	52·471	−31·074	1·18	43. 660	9·9
S *	52·547	−51·113	2·10	43. 661	8·6
481					
...	+53·279	−24·979	− 4	..	...
*	53·477	−50·271	1·05	43. 662	10·2
...	53·763	+15·950	− 3	...	...
...	54·160	+24·609	− 4	...	...
...	54·192	+21·411	− 2	..	...
*	+54·199	−27·311	1·10	...	...
...	54·486	+15·168	− 3	...	...
S ‡	54·606	+ 6·004	2·05	42. 733	7·9
†	54·652	−44·335	− 5	...	...
*	54·857	− 1·521	1·00	...	...
491					
...	+55·101	+45·240	− 4	...	..
...	55·232	−16·087	− 4	m	...
...	55·258	+41·374	− 2	...	...
*	56·012	− 1·501	1·00	...	...
...	57·815	− 7·604	− 5	m	...
‡	+57·933	−54·880	1·50	43. 663	9·2
...	58·689	+44·509	− 3	...	...
...	58·715	+ 0·655	− 5	m	...
...	58·884	+44·357	− 5	...	...
...	59·582	+13·318	− 3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	″.	″.	−2.	No.	Mag.
1 60					
1					
..	−59·642	− 8·982	− 5	...	...
...	58·351	−22·774	0·90	...	...
.	57·716	+15·924	− 3	...	...
S	56·322	− 31·132	1·23	43. 660	9·9
...	56·321	+24·587	− 5	...	...
...	−56·189	+21·392	− 5	...	...
...	55·991	+45·247	− 5	..	...
...	55·700	+41·366	− 2	...	...
...	55·698	−25·006	− 5	...	...
†	55·695	+15·166	− 4	...	...
11					
S *	−55·650	−51·152	2·30	43. 661	8·6
S *	55·282	+ 6·000	2·35	42. 733	7·9
...	54·812	− 1·518	0·80	...	...
...	54·752	−50·285	0·80	43. 662	10·2
...	54·724	−27·317	0·90	...	...
...	−53·670	− 1·461	0·75	...	...
...	52·722	+58·225	− 5	...	...
...	52·391	+44·591	− 3	...	...
.	52·183	+44·455	− 5	...	...
.	50·542	+13·461	− 5	...	...
21					
‡	−50·168	−54·764	1·60	43. 663	9·2
‡	50·039	+51·218	1·20	42. 734	9·4
S *	49·333	+46·263	1·90	42. 735	8·8
	49·260	+ 7·689	− 2	...	...
..	49·215	+49·163	− 4	...	...
...	−48·818	−12·039	0·80	...	...
...	48·625	−18·089	− 5	...	...
...	48·549	+28·065	− 5	...	...
...	47·944	+54·824	− 5	...	...
...	47·582	+15·687	− 2	...	...
31					
...	−47·517	+52·539	− 4	...	...
...	47·297	+47·669	0·85	42. 736	9·8
...	46·949	+51·630	− 3	.	...
*	46·919	+47·447	2·10	42. 737	8·7
...	46·803	−10·767	− 5	...	...
...	−46·627	+ 2·377	− 3	...	...
...	46·351	−23·283	− 2	...	...
...	46·203	+33·565	0·90	42. 738	9·9
†	44·890	−19·406	− 5	...	...
†	44·743	+20·032	− 5	...	...
41					
...	−44·583	−25·557	0·95	...	...
...	44·501	− 8·341	− 4	...	...
..	44·406	+17·817	− 1	...	...
...	44·113	+ 7·563	− 5	...	...
...	43·871	−11·948	− 3	...	...
*	−43·573	−32·868	1·05	43. 664	10·2
...	42·821	+24·107	− 3	...	...
...	42·195	− 2·135	− 3	...	...
...	41·854	+17·099	− 2	...	...
...	41·299	+21·314	− 5	...	...
51					
...	−40·495	+19·202	− 5	...	...
...	40·487	+29·644	− 5	...	...
†	39·922	−21·389	0·85	...	...
...	39·186	+ 9·744	− 5	...	...
...	39·016	+23·581	0·75	...	...
...	−38·027	−33·156	− 4	...	...
...	37·754	+47·912	− 3	...	...
...	36·733	−28·440	− 4	...	...
*	36·046	−34·271	1·20	43. 665	9·6
...	36·038	+12·282	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	″.	″.	−2.	No.	Mag.
61-120					
61					
...	−35·183	−11·854	− 2	...	...
†	35·075	+42·430	− 3	...	...
...	34·693	+29·716	− 5	...	...
...	34·091	+39·074	− 2	...	...
...	33·952	−25·282	− 2	...	...
...	−33·688	−54·284	− 2	..	...
...	33·564	+40·420	− 4	...	...
†	33·468	+45·068	0·85	42. 739	9·9
...	33·318	−25·949	− 5	...	...
...	33·140	+55·396	− 4	...	...
71					
*	−33·105	−20·620	1·15	43. 666	10·2
...	32·805	+18·208	− 5	...	...
...	32·632	+34·332	0·65	...	...
..	32·374	− 3·909	− 3	...	...
...	31·446	+37·396	− 2	...	...
...	−30·667	−55·999	− 4	...	...
...	30·375	−48·026	− 3	...	...
...	30·261	−23·444	− 4	.	...
‡	29·906	−12·478	1·10	43. 667	10·2
...	29·418	+56·375	− 5	...	...
81					
...	−28·726	−19·378	− 4	...	...
...	28·568	− 1·374	0·85	..	.
†	28·546	+40·154	− 5	..	...
...	28·423	+52·608	− 1	...	...
...	28·242	+37·014	− 4	...	...
...	−27·923	−12·119	− 5	..	...
...	27·629	+39·378	− 4	...	...
...	27·051	+28·675	− 4	...	...
...	26·884	+27·378	0·70	...	...
...	26·863	−33·035	− 5	...	...
91					
...	−26·562	+17·922	− 3	...	...
*	26·442	−45·355	1·15	43. 668	10·2
...	26·157	−27·969	− 4	...	...
*	26·108	+ 5·450	1·00	...	...
...	25·614	+21·238	0·80	...	...
...	−25·508	−29·870	− 2	...	...
...	25·180	− 2·614	− 1	...	...
...	24·696	−29·810	− 5	A	...
...	24·594	−17·290	− 2	...	...
...	24·306	−19·840	− 2	...	...
101					
...	−23·998	+19·172	0·70	...	...
...	23·364	−39·312	− 3	...	...
*	23·287	+14·266	1·00	42. 740	9·9
...	22·933	−42·451	0·90	...	...
*	22·857	−28·774	1·00	...	...
..	−22·779	+51·728	− 2	...	..
...	22·666	+44·226	− 4	...	...
*	22·510	− 5·786	1·20	43. 669	9·9
...	22·438	+18·271	0·65	..	...
n *	22·403	−18·218	1·20	43. 670	8·5
111					
...	−22·291	+21·875	− 5	...	...
S	22·096	+10·154	1·13	42. 741	9·3
S*n* *	22·093	−18·292	2·10	43. 670	8·5
...	21·687	+49·211	− 5	...	...
*	21·407	−33·772	1·30	43. 671	9·6
..	−21·403	+57·855	0·65	...	...
...	21·135	− 0·277	− 2	...	...
...	21·038	−50·100	− 5	A	...
...	20·931	+ 6·561	− 5	...	...
...	20·703	+11·779	− 3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	″.	″.	−2.	No.	Mag.
121-180					
121					
*	−20·679	+ 2·628	1·20	42. 742	9·4
...	20·490	+46·999	− 4	...	...
†	20·346	+15·134	0·70	...	...
...	20·321	+ 5·890	− 2	...	...
*	19·564	+58·867	1·10	...	...
...	−19·425	+42·524	− 5	...	...
...	19·415	−49·802	− 5	...	...
...	19·285	+ 7·918	− 3	...	...
...	19·098	−51·071	− 4	...	...
...	18·435	−21·174	− 3	...	...
131					
...	−17·659	−52·917	0·65	...	...
...	17·556	−22·043	− 2	...	...
...	17·171	−15·450	− 4	...	...
...	16·722	+ 1·340	− 3	...	...
*	16·199	−35·096	1·05	...	...
...	−15·925	+18·984	− 5	...	...
...	15·854	+45·734	0·80	...	...
...	15·852	+28·988	− 5	...	...
...	15·358	+11·586	− 5	M	...
...	15·176	+21·664	− 4	...	...
141					
...	−14·280	−49·381	− 2	...	...
...	14·161	+ 5·525	− 2	...	...
*	14·025	+16·320	1·15	42. 743	9·7
...	14·022	+ 2·140	0·70	...	...
...	13·907	+49·195	− 4	...	..
*	−13·860	−44·233	1·00	...	...
...	13·729	+53·310	− 5	...	...
S *	13·522	+48·778	1·60	42. 744	8·8
...	13·468	+42·049	0·70	...	...
...	13·404	−29·384	− 2	...	...
151					
*	−13·026	−15·485	1·55	43. 672	9·2
*	12·856	−12·291	1·00	...	...
...	12·206	−26·039	0·90	...	...
...	12·037	+14·639	− 5	...	...
*	11·849	−15·712	1·05	43. 673	10·2
...	−11·380	+42·346	− 1	...	...
*	10·733	−41·751	1·25	43. 674	9·4
...	10·640	+ 9·358	− 4	...	...
...	10·524	+44·477	− 5	...	...
†	10·348	−32·837	− 3	...	...
161					
*	− 9·713	− 9·407	1·60	43. 675	9·0
...	9·707	−26·898	0·65	...	...
...	9·314	−26·197	− 5	A	...
...	8·489	−18·349	− 4	B	...
...	8·235	+17·858	− 4	...	...
...	− 8·188	−26·203	− 4	A	...
*	8·149	−18·342	1·05	43. 676	10·2
..	7·908	+18·313	− 2	...	...
*	7·381	−10·632	1·25	43. 677	9·2
‡	6·767	−49·712	1·30	43. 678	9·4
171					
*	− 6·704	−47·060	1·00	...	...
†	5·885	−39·698	0·80	...	...
...	5·383	+40·427	− 1	...	...
...	4·715	−23·498	− 1	...	...
...	4·207	+52·965	− 3	...	...
...	− 4·192	−28·833	− 3	...	...
...	4·109	+22·772	− 5	...	...
...	3·953	−32·815	− 1	...	...
*	3·750	−56·065	1·05	43. 679	10·2
...	3·460	+18·655	− 2	...	...

S measured from 1, 79. 190. 311.
SB ,, ,, 39. 141, 255. 362.

110, 113. C.P.D., probably mass.

Notes.	Co-ordinates. x.	y.	Diam. −z.	C.P.D. No.	Mag.
181–240					
181					
...	− 3·066	−53·038	− 5	m	...
...	3·014	+41·329	0·70	...	...
*	2·686	+51·674	1·00	42. 746	9·9
†	2·287	+40·164	− 4	...	...
...	2·095	+ 23·449	− 5	...	...
...	− 1·767	−22·741	0·75	..	...
*	1·666	+36·876	1·10	42. 747	9·4
...	1·359	−17·619	0·90	...	...
*	1·016	−40·021	1·05	...	...
...	0·964	+40·636	0·80	...	...
191					
*	− 0·773	−22·685	1·10	43. 682	10·2
*	0·628	−37·346	1·20	43. 682	9·7
*	0·625	−55·313	1·30	43. 681	9·8
.	0·457	− 9·314	− 5	M ..	...
†	− 0·151	+10·438	− 5	M	...
...	+ 0·123	+47·367	− 5	...	...
...	0·142	−26·193	0·80	...	...
...	0·328	+37·061	− 3	...	...
...	0·362	+16·550	− 5	..	...
...	0·708	+44·630	− 1	...	...
201					
...	+ 0·775	+32·065	0·65	..	...
...	0·902	−52·823	− 5	M m	...
*	1·082	− 9·342	1·20	43. 683	9·8
*	1·142	−57·974	1·30	43. 684	10·0
...	1·509	−47·595	− 4	..	...
...	+ 1·619	+52·284	− 4	...	...
...	2·081	+ 4·675	− 4	...	...
*	2·221	+54·136	1·00	42. 748	9·9
...	2·885	+47·001	0·65	...	...
...	3·125	−51·052	− 4	...	...
211					
...	+ 3·693	+59·852	0·85	42. 749	9·9
...	4·018	−51·197	0·85	...	...
...	4·545	−22·783	0·65	...	..
...	4·767	−33·247	0·80	...	...
†	4·929	− 0·011	0·65	a	...
...	+ 5·310	+45·741	− 5	...	...
*	5·391	+ 7·168	1·00	...	..
...	5·497	+58·914	− 4	...	...
...	5·623	−55·744	− 1	...	...
...	5·891	+54·408	− 3	...	...
221					
*	+ 5·962	− 9·578	1·30	43. 685	9·9
...	6·164	−43·440	0·80	...	...
*	6·213	+56·182	1·10	42. 750	9·9
*	6·329	+ 8·803	1·00	42. 751	9·9
...	6·534	−47·150	− 2	...	...
...	+ 6·656	+ 0·377	− 5	m	...
...	6·684	+29·974	− 2	...	...
...	6·686	+ 7·899	− 3	...	...
...	6·985	− 8·773	− 5	m	...
...	7·388	−13·068	− 3	m	...
231					
S *	+ 7·760	+38·620	2·25	42. 752	8·3
...	8·308	− 3·376	− 5	m	...
...	8·479	−36·405	− 4	b	...
...	8·557	−54·116	− 5	...	...
...	8·872	+54·030	− 4	...	...
*	+ 8·944	+41·159	2·20	42. 753	8·2
...	9·062	+14·177	− 5	...	...
...	9·446	−24·030	− 5	m	...
...	9·670	+ 5·419	− 5	...	...
S *	9·696	+ 9·983	2·00	42. 754	8·5

Notes.	Co-ordinates. x.	y.	Diam. −z.	C.P.D. No.	Mag.
241–300					
241					
...	+10·515	+41·009	− 5	.	...
..	10·781	+30·258	− 4	..	...
.	10·962	− 2·268	0·90	43. 686	10·2
*	11·393	−52·174	1·10	43. 687	10·2
...	11·434	− 8·752	− 5	..	...
*	+11·932	−18·914	1·50	43. 688	9·4
*	11·972	−14·333	1·00	...	..
...	11·742	− 0·521	− 5	m	...
...	13·126	−28·085	− 5	m	..
...	13·164	+ 3·897	− 5	...	..
251					
*	+13·362	+41·456	1·15	42. 755	9·7
.	13·443	+ 1·333	− 4	..	...
...	13·846	−45·428	− 5	m	...
†	14·811	+ 3·219	0·85	...	.
.	15·154	−13·126	− 5	m	...
...	+15·124	+ 6·576	− 1	...	...
...	15·238	− 4·011	− 5	m	...
*	15·389	+46·207	1·05	42. 756	9·8
...	15·418	−19·501	− 5	m	...
*	15·461	+29·249	1·00	...	...
261					
...	+16·046	−44·827	− 5	.	...
*	16·355	−28·486	1·10	43. 689	10·2
...	16·807	−10·059	− 5	m	...
...	16·946	+51·234	− 4	...	...
...	16·987	−17·339	0·65	...	...
...	+17·034	− 5·808	− 5	m	..
...	17·208	−27·416	− 4	...	...
*	17·290	+27·488	1·00	42. 757	9·8
...	17·315	+36·154	− 1	..	...
...	17·384	+55·329	− 5	...	...
271					
...	+17·410	+33·461	− 5	...	...
*	17·423	−19·466	1·25	43. 690	9·7
...	17·497	+16·598	− 2	..	...
...	17·539	−37·495	− 5	m	...
...	17·792	−31·339	− 2	..	...
...	+18·221	−46·046	− 5	m	...
*	18·967	−55·824	1·15	43. 691	10·2
...	19·125	+13·966	− 1	...	...
...	19·289	+21·419	− 1	..	...
...	19·295	−33·841	− 2	...	...
281					
N *	+19·333	−32·259	2·10	43. 692	8·8
...	19·493	−32·660	− 5	m	...
...	19·780	−29·442	− 3	a	...
†	19·953	−33·876	− 3	...	...
†	19·966	−23·661	3·10	43. 693	7·2
...	+20·282	−19·568	− 1	...	...
...	21·372	+ 2·973	− 5	.	...
...	22·027	+47·392	0·95	..	...
S *	22·746	+58·428	2·20	42. 758	8·6
*	22·969	−36·716	1·10	43. 694	10·4
291					
...	+23·443	+ 3·266	− 4	...	...
*	23·959	−38·923	1·00	43. 696	10·4
*	24·178	− 0·454	1·00	43. 695	10·4
*	24·259	+57·888	1·20	42. 759	9·6
...	25·047	+21·313	0·95	...	..
...	+25·397	−31·686	− 3	...	...
*	25·911	+59·776	1·00	42. 760	9·8
‡	25·977	−19·686	1·00	...	...
...	26·071	−48·246	− 2	...	..
*	26·411	− 1·384	1·25	43. 697	9·8

Notes.	Co-ordinates. x.	y.	Diam. −z.	C.P.D. No.	Mag.
301–360					
301					
S *	+26·629	−44·23	2·20	43. 698	8·4
*	26·864	− 5·63	1·20	...	...
...	27·272	+16·725	− 3	...	...
...	27·354	− 3·659	− 3	.	...
...	27·970	+ 9·257	− 5	...	...
...	+28·109	+31·711	− 5	...	...
..	28·457	+19·360	0·65	.	...
...	29·266	+27·017	− 5	...	...
...	29·534	+21·378	0·70	..	...
...	29·585	+19·249	− 4	...	..
311					
†	+29·817	+44·287	1·00	42. 761	9·7
...	30·135	−12·718	− 3	...	...
...	30·156	+21·172	− 5	...	..
...	30·246	− 3·144	− 3	b	...
‡	30·280	−39·589	1·10	43. 699	10·2
...	+31·101	−18·994	− 3	...	...
*	31·160	−49·931	1·10	43. 700	10·4
...	31·430	−29·347	− 2	...	...
...	31·662	−13·406	− 5	.	..
...	31·682	+30·008	− 1	...	...
321					
..	+32·304	−49·880	− 3	...	...
...	32·422	−24·107	− 2	...	...
...	32·617	+44·411	− 5	...	...
...	33·124	−41·109	− 5	...	...
...	33·464	− 4·942	− 3	a	...
...	+34·120	+38·409	− 5	...	.
...	34·254	−44·003	− 3	a	...
*	35·039	− 3·475	1·10	...	...
...	35·146	+37·303	− 4	..	...
*	35·188	−34·117	2·10	43. 701	8·6
331					
...	+35·481	−53·485	− 4	...	...
...	35·616	+ 5·371	0·80	.	..
...	35·699	−42·520	− 5	m	...
...	37·023	+35·711	− 5	...	...
...	37·125	+36·774	0·70	..	...
...	+37·233	+ 0·138	− 5	...	...
*	37·933	−45·461	1·05	43. 702	10·4
*	37·993	+ 4·343	1·30	42. 762	9·3
*	38·579	+14·155	1·05	...	...
...	39·123	−16·652	− 4	m	...
341					
...	+39·595	− 9·421	− 2	...	...
...	40·036	+33·280	− 3	...	...
*	40·037	+28·576	1·40	42. 763	9·0
...	40·114	+ 4·646	− 3	..	...
*	40·222	−49·735	1·25	43. 703	10·1
...	+40·556	−53·174	− 5	...	...
...	41·141	+44·080	− 5	...	...
*	41·228	+57·320	1·40	42. 764	9·0
...	41·497	− 9·916	− 5	m	...
...	41·859	−45·611	− 4	...	...
351					
†	+42·559	−54·473	0·85	...	...
*	42·631	−13·801	1·20	43. 704	10·0
...	42·781	− 6·903	− 5	a	...
*	42·952	+29·423	1·15	42. 765	9·6
..	42·959	−44·368	− 2	..	...
...	+43·031	−32·396	− 4	...	...
...	43·132	+58·322	− 2	..	...
...	43·197	− 6·956	0·85	...	...
*	43·370	−35·071	1·20	43. 705	10·4
...	44·299	−14·113	0·80	...	...

281. Mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
361–380					
361					
†	+44·500	−14·632	−4	...	...
...	45·915	+ 1·593	−4	...	...
...	46·103	−27·292	−5	...	...
...	46·523	− 7·215	−5	...	...
...	46·940	−15·320	−3	...	...
...	+47·173	−22·816	0·70	...	...
...	47·943	−42·629	−2	...	...
...	47·858	−12·774	0·65	...	...
...	48·145	−38·014	−5	...	...
...	48·162	+54·122	−5	a	...
371					
...	+48·725	+31·879	−5	...	...
S *	49·507	− 7·991	1·25	43. 706	9·6
...	49·681	−35·954	0·75	...	...
...	50·111	+36·795	−5	...	...
...	50·208	+56·171	−5	...	...
...	+51·599	+10·171	−2	...	...
S *	51·747	+11·981	2·30	42. 766	8·2
...	51·768	−41·467	0·70	...	...
...	51·775	+13·952	−4	...	...
...	52·260	−17·955	−2	...	...
381–400					
381					
...	+52·373	+49·646	−3	...	...
...	52·953	+ 8·758	−4	...	...
...	53·224	−58·990	−3	...	...
*	53·556	−37·263	1·20	43. 707	10·2
...	53·561	+ 1·055	−4	...	...
...	+53·575	+43·102	−5	...	...
...	53·964	+38·944	−3	...	...
...	54·015	+ 0·989	−1	...	...
...	54·264	− 2·976	−4	e	...
...	54·336	+ 3·136	−4	...	...
391					
...	+54·557	−17·315	−5	e	...
...	55·200	+18·619	−3	...	...
...	55·200	−24·460	−4	...	...
...	55·341	−50·518	−3	...	...
*	55·413	−17·759	1·05	43. 708	10·1
...	+55·541	+42·234	0·65	...	...
...	56·608	− 7·378	−4	...	...
..	57·139	+ 9·404	0·65	.	...
*	57·250	+51·891	1·15	42. 767	9·8
*	57·287	−10·493	1·10	43. 709	10·2
401–411					
401					
...	+58·102	+11·321	−5	...	...
...	58·155	+51·922	−1	42. 768	9·9
...	58·192	+17·937	0·75	...	...
...	58·247	+23·745	−5	...	...
*	58·507	+ 3·046	3·00	42. 769	7·6
...	+58·535	−10·028	−5	e	...
...	58·642	+12·413	0·95	...	...
...	59·047	−13·496	−2	...	...
...	59·183	+35·302	0·85	...	...
S *	59·250	−35·084	2·43	43. 710	8·3
411					
...	+59·388	+ 9·797	−4	...	...

1–30					
1					
†	−59·987	− 8·144	1·50	43. 706	9·6
...	59·907	+23·994	−5	M	...
...	59·991	−36·099	1·00	...	...
...	58·849	+49·572	−1	...	...
...	58·617	−30·821	−5	M	...
...	−58·441	+10·079	0·70	...	...
...	58·392	+13·854	−4	...	...
S *	58·332	+11·875	2·75	42. 766	8·2
...	57·835	+ 1·442	−5	M	...
...	57·436	+43·078	−3	...	...
11					
...	−57·048	+ 8·706	0·65	...	...
...	56·939	−18·016	0·80	...	...
...	56·935	+38·912	−1	...	...
...	56·930	+35·212	−5	...	...
...	56·749	−41·532	1·00	...	...
...	−56·369	+20·876	−5	M	...
...	56·329	−53·920	−4	...	...
..	56·230	+ 1·620	−1	...	...
...	55·760	+ 0·971	0·90	...	...
..	55·526	+ 3·118	−3	...	...
21					
..	−55·457	− 0·969	−2	E	...
*	55·445	+42·250	1·00	...	...
...	55·396	+13·912	−4	M	...
...	55·324	+21·476	−5	...	...
†	55·095	+18·627	−2	...	...
.	−55·094	−31·291	1·15	43. 707	10·2
...	54·776	−58·709	−1	...	...
...	54·671	−17·322	−3	E	...
*	54·017	+51·753	1·30	42. 767	9·8
...	53·857	+34·641	−5	M	...
31–60					
31					
...	−53·807	−24·445	−3	...	...
*	53·789	−17·723	1·10	43. 708	10·1
...	53·721	−44·832	−3	...	...
...	53·598	+30·900	−4	...	...
...	53·282	+26·093	−5	M	...
*	−53·135	+52·004	1·05	42. 768	9·9
...	52·995	−50·187	−4	...	...
...	52·917	− 7·353	−2	...	...
...	52·899	−45·129	−5	M	...
...	52·897	−50·465	−1	...	...
41					
...	−52·885	+ 9·457	0·95	...	...
...	52·379	+55·630	−4	...	...
...	52·290	+36·863	−5	M	...
...	52·184	+23·838	−3	...	...
*	52·120	−10·411	1·40	43. 709	10·2
...	−52·072	+18·033	0·9	..	...
...	51·974	+11·430	−4	...	...
..	51·885	+30·572	−5	M	...
.	51·607	+35·421	1·00	...	...
...	51·508	−21·885	−5	M	...
51					
*	−51·465	+12·530	1·30	...	...
...	51·381	−18·065	−5	M	...
...	51·381	−54·097	−5	M	...
*	51·281	+ 3·153	4·00	42. 769	7·6
...	51·242	−47·316	−5	M	...
.	−50·993	+51·074	1·00	42. 770	9·9
...	50·932	+33·218	1·00	...	...
...	50·904	− 9·919	−3	E	...
†	50·647	+ 9·943	−2	..	...
...	50·520	+15·710	−4	...	...
61–90					
61					
*	−50·442	+30·509	1·15	42. 771	9·6
...	50·298	−13·360	0·90	...	...
...	50·196	+27·472	1·00	...	...
†	49·992	− 0·696	0·80	...	...
...	49·590	+55·900	0·75	.	...
...	−49·559	+33·269	1·00	...	...
S †	49·430	−34·949	3·00	43. 710	8·3
...	49·250	− 6·521	−3	B	...
*	49·217	+30·773	1·50	42. 772	8·8
*	48·539	+49·115	1·25	42. 774	9·9
71					
*	−48·530	− 6·888	1·05	...	...
...	48·448	+18·130	0·85	...	...
*	48·354	+32·441	1·20	42. 773	9·9
*	48·022	+11·307	1·20	42. 775	9·9
...	47·706	−41·628	−5	M	...
...	−47·693	+11·946	−3	...	...
S *	47·088	+44·609	3·00	42. 776	7·8
...	46·833	+28·952	−5	M	...
...	46·659	+12·140	−5	...	...
*	46·474	−39·642	1·20	43. 711	10·4
81					
...	−46·408	−32·277	−5	M	...
...	46·215	+51·729	−1	...	...
*	45·789	+58·085	1·40	42. 777	9·3
...	45·667	−41·086	−5	M	...
...	45·663	+ 4·114	−5	...	...
...	−45·538	−21·007	−5	M	...
...	45·506	+45·442	−1	...	...
...	45·309	+24·289	−3	...	...
...	44·932	+41·771	0·75	...	...
...	44·855	−21·537	−5	M	...

I, measured from 1, 109, 215, 296, 391, 492.
C ,, ,, 64, 161, 253, 343, 443, 544.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	0·70.	No.	Mag.
91-150					
91					
...	−44·632	+48·965	− 4	...	...
...	43·593	+58·828	− 5	M	..
...	43·561	−27·755	− 3	...	
...	43·544	−22·409	0·65	...	...
*	43·249	+55·147	1·30	42. 778	9·8
...	−42·987	+ 1·457	− 3	M	...
*	42·935	− 2·222	1·10	..	.
...	42·775	−35·497	− 1	...	...
...	42·584	−30·903	− 4	...	...
...	42·107	−54·266	− 5	M	..
101					
...	−41·969	− 7·970	− 4	M	...
*	41·894	−52·817	1·10	...	...
...	41·688	−42·134	1·00	...	...
*	41·166	+19·667	1·40	42. 779	9·2
*	40·696	+26·230	1·10	42. 780	9·9
...	−40·638	+40·992	− 3	...	...
...	40·594	−50·071	0·90	...	..
...	40·561	−47·154	− 5	M	...
...	39·642	−53·165	1·00	...	...
...	39·585	−10·396	0·70	...	...
111					
...	−39·211	−35·862	− 5	M	...
*	39·038	−39·548	1·00	...	...
...	38·982	−29·036	− 4	..	..
...	38·977	−23·545	0·90	...	...
...	38·933	+30·444	− 3	...	...
...	−38·813	−50·314	− 5	M	...
...	38·561	+28·892	− 5	...	..
...	38·509	−15·534	− 5	M	...
...	38·397	+41·321	− 5	M	...
...	38·170	+21·970	0·80	...	...
121					
...	−37·904	−37·642	− 5	M	...
...	37·733	−15·135	− 5	M	...
...	37·699	+25·708	− 5	...	...
...	37·687	+19·191	0·90	...	...
...	37·317	−48·234	− 4	A	...
...	−37·203	+27·886	0·90	...	...
...	37·199	−59·500	− 4	..	...
...	37·096	+12·261	0·80	...	...
...	36·974	−12·506	− 4	...	...
*	36·947	−27·863	1·00	43. 712	10·4
131					
...	−36·914	+46·930	− 5	...	...
...	36·709	−14·358	− 4	...	...
...	36·327	− 1·742	− 5	M	...
†	36·231	−34·978	− 4	...	...
...	36·187	−41·481	− 5	M	...
...	−35·939	+34·333	− 3	...	...
...	35·720	−34·878	− 5	M	...
...	35·714	−34·528	− 4	...	...
...	35·630	+19·172	0·90	...	...
...	35·437	−38·816	− 5	M	..
141					
...	−35·358	−39·376	− 5	M	...
†	35·140	−26·504	0·70	...	...
...	34·861	−56·873	0·65	...	...
...	34·801	−46·818	− 1	...	...
...	34·745	−49·173	0·90	...	...
...	−34·445	+37·000	1·00	...	...
...	34·428	+ 8·179	− 5	...	...
...	33·971	+ 5·835	− 5	...	...
S *	33·802	+11·589	1·55	42. 781	9·0
...	33·457	−55·770	− 4	A	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	0·70.	No.	Mag.
151-210					
151					
...	−33·[illegible]	−48·480	− 4	B	...
.	32·503	+42·461	− 4	...	...
.	31·991	+ 3·213	− 4	...	...
.	31·589	−23·111	− 5	M	.
...	31·341	+57·342	− 1	...	...
..	−31·297	+33·218	0·85	...	...
.	31·025	−49·143	− 4	B	...
.	30·943	+35·916	− 3	...	...
*	30·898	+45·173	1·00	42. 782	9·9
...	30·662	+ 29·977	− 5	M	...
161					
...	−29·978	+21·127	− 5	...	...
..	29·860	−29·196	− 5	M	...
...	29·626	−21·356	− 5	M	...
...	29·593	+ 53·605	− 4	...	...
..	29·583	−35·497	− 5	M	...
...	−29·485	+46·220	0·95	...	...
...	29·410	−32·409	− 5	M	...
*	29·316	−52·546	1·40	43. 713	10·2
...	29·274	+47·744	− 5	...	...
..	29·025	− 8·328	0·90	...	...
171					
...	−28·957	+33·271	− 2	...	...
...	28·941	− 5·180	− 4	M	...
...	28·862	+32·435	− 3	...	...
...	28·799	+55·879	− 2	...	...
...	28·425	+44·335	− 4	...	...
..	−28·383	+ 1·675	− 5	M	...
...	28·180	+58·078	1·00	..	...
...	28·114	−34·300	− 5	M	...
...	28·109	−19·439	0·80	...	...
...	28·008	+ 6·137	− 5	...	...
181					
...	−28·004	+41·958	− 3	...	...
..	27·781	−27·974	− 5	M	...
*	27·640	−47·017	1·40	43. 714	10·4
...	27·178	+28·501	− 4	...	...
...	27·129	− 2·726	− 5	M	...
*	−27·118	+18·091	1·80	42. 783	9·0
...	26·484	+33·284	0·70	...	...
...	26·001	+51·013	− 2	...	...
...	25·653	+39·753	− 2	...	...
...	25·634	− 4·655	0·90	...	...
191					
...	−25·395	+ 3·926	1·00	...	...
...	25·387	− 0·527	− 5	M	...
...	25·054	+55·355	− 4	...	...
...	24·506	−13·283	− 5	M	...
...	24·479	+24·274	− 4	...	...
...	−24·093	+12·863	− 5	..	...
...	23·842	−15·803	− 4	...	...
...	23·510	+48·268	− 5	M	...
*	23·375	+34·525	1·40	42. 784	9·0
...	23·199	+45·540	0·95	...	...
201					
...	−22·997	+36·843	− 5	M	...
...	22·685	−54·089	− 5	M	...
...	22·662	+18·095	− 4	...	...
...	22·541	+53·588	0·90	...	...
...	22·057	+30·475	− 5	...	...
...	−21·746	−44·834	0·70	...	...
...	21·441	+25·907	− 5	M	...
...	21·411	−39·630	− 4	..	...
...	21·380	+16·389	0·95	...	...
...	21·240	−35·898	− 5	M	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	0·70.	No.	Mag.
211-270					
211					
*	−21·239	+56·578	1·40	42. 785	9·3
	20·711	−13·373	− 4	...	...
...	20·528	+59·481	0·85	...	...
...	20·243	−34·218	− 5	M	...
...	20·004	−31·[illegible]1	− 4	...	...
...	−19·882	+33·770	− 4	...	...
*	19·633	−23·558	1·00	43. 715	10·4
...	19·487	−39·479	− 4	...	...
...	19·404	−53·990	− 5	...	...
...	19·297	−56·906	− 5	..	...
221					
..	−19·220	−45·075	− 5	...	...
...	18·785	+39·962	− 4	...	...
...	18·608	−13·528	1·00	...	...
...	18·574	−38·005	0·90	...	...
..	18·396	+ 2·014	1·00	...	...
..	−18·272	+53·602	− 5	M	...
...	18·023	+42·560	− 2	...	...
...	17·788	− 2·630	− 5	M	...
*	16·785	−27·549	1·00	43. 716	10·4
...	16·770	+56·127	− 4	...	...
231					
...	−16·599	− 2·780	− 1	...	...
...	16·500	−29·557	− 5	M	...
...	16·490	+29·757	− 5	...	...
...	16·275	− 3·343	− 5	M	...
...	15·559	− 1·606	− 5	M	...
...	−14·933	−56·702	− 4	...	...
...	14·913	+37·491	− 4	...	..
...	14·247	−59·182	− 1	...	...
...	14·062	−39·221	− 4	...	...
...	13·477	−38·045	− 5	M	...
241					
...	−13·393	−13·072	− 1	43. 717	10·4
...	13·047	+36·950	− 5	M	...
...	13·040	−34·710	0·90	...	...
...	12·627	+50·218	− 4	...	...
...	12·229	−23·321	− 4	...	...
...	−12·022	+50·001	− 5	...	...
...	11·412	+ 9·771	− 4	...	...
*	11·317	−32·011	1·00	43. 718	10·4
...	10·815	−17·179	− 5	M	...
...	10·809	+39·094	− 4	...	...
251					
...	−10·808	+51·307	− 4	...	...
...	10·324	+38·338	− 4	...	...
...	10·028	+55·910	− 5	...	...
...	9·571	−54·076	− 5	M	...
...	9·397	−42·032	0·70	A	...
...	− 9·272	− 1·809	− 4	M	...
...	9·204	−36·385	− 5	M	...
...	9·099	−31·881	− 3	...	...
...	9·016	− 0·922	− 5	M	...
...	8·945	+57·006	− 4	...	...
261					
...	− 8·936	−42·286	− 5	M	...
...	8·706	−19·907	0·95	...	...
...	7·861	+57·219	1·00	...	...
...	7·762	+54·162	− 4	...	...
...	7·690	+12·383	0·65	...	...
...	− 7·641	+55·893	1·00	...	...
...	7·607	−36·864	0·70	...	...
...	7·336	+40·745	− 4	...	...
...	7·165	− 6·321	− 4	M	...
...	6·721	−49·731	− 5	M	...

271–330

Notes.	Co-ordinates.		Diam.	C.P.D.	
			0·70.	No.	Mag.
271					
*	− 6·573	−35·342	1·40	43. 719	9·6
...	6·356	−27·942	− 3	...	...
...	5·996	+18·073	− 2	...	...
...	5·993	+49·567	− 5	M	...
	5·786	−49·697	− 3	...	...
..	− 5·472	−46·052	0·90	...	...
...	5·385	+ 5·791	− 1	...	...
‡	5·115	−19·983	1·40	43. 720	10·2
...	4·805	+ 3·128	− 4	...	...
...	4·292	+50·833	1·00	42. 786	9·9
281					
...	− 3·663	+41·424	− 3	...	..
..	3·529	−31·971	− 4	M	...
*	3·405	+55·447	1·20	42. 787	9·8
...	3·378	+16·448	− 4	...	..
..	3·314	+27·819	− 1	...	...
...	− 2·580	−40·962	− 3	...	...
...	2·241	− 6·384	1·15	43. 721	10·4
.	2·154	+24·169	0·90	...	...
S *	1·940	−36·650	1·45	43. 722	9·2
...	1·355	−27·242	1·00	...	...
291					
..	− 1·348	−45·956	− 4	M *m*	...
...	1·161	+28·514	− 2	...	...
...	1·159	−33·224	0·70	...	...
*	0·872	−58·210	1·05	43. 723	10·4
...	− 0·647	+ 5·685	0·90	...	...
..	+ 0·197	+21·064	0·95	...	...
..	0·269	−53·080	− 5	M *m*	...
*	0·314	−54·760	1·00	43. 724	10·4
*	0·712	−49·737	1·00	...	...
S *	0·826	+43·309	1·40	42. 788	9·0
301					
...	+ 1·107	−56·672	− 5	M *m*	...
*	1·212	−59·275	1·00	...	...
*	1·256	−37·629	1·00	43. 725	10·4
..	1·296	+53·587	1·00	...	...
.	1·608	−33·380	− 5	M *m*	...
*	+ 1·972	+44·376	0·95	...	...
...	2·622	−51·495	0·90	...	...
...	2·952	− 2·759	− 2	M	...
...	2·977	−15·572	− 5	...	...
...	3·155	+35·961	0·75	...	...
311					
..	+ 3·518	−32·166	− 4	...	...
.	4·131	−38·920	− 5	M	...
..	4·162	+41·189	− 5	*m*	.
..	4·612	+28·660	− 5	..	...
..	4·620	−43·833	0·85	.	...
...	+ 4·779	+39·794	− 4	..	...
	5·312	+ 5·...	− 5	.	..
..	5·689	+15·900	− 5	...	...
...	5·883	+ 8·038	− 5	...	...
..	5·939	+26·078	− 5	..	..
321					
...	+ 5·965	+47·...	− 5	..	..
.	5·968	+10·968	− 5	...	.
...	6·153	+38·017	− 5	...	...
*	6·271	−42·279	1·00	43. 726	10·4
	6·546	+51·041	0·90	...	
	+ 6·615	−40·793	− 5	*m*	...
.	6·...	−31·211	1·00		
...	6·908	+18·603	− 5	.	...
...	7·487	+21·...	− 5	..	...
*	7·633	+16·746	1·...		.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	*y.*	0·70.	No.	Mag.
331					
...	+ 7·714	−24·078	− 5	*m*	...
*	7·898	+18·844	1·10	42. 789	9·6
*	8·090	+14·800	1·00	42. 790	9·9
...	8·267	−12·089	− 5	...	...
*	8·285	−56·738	1·00	...	...
...	+ 8·502	−45·151	− 4	...	...
...	8·579	−47·320	− 5	*m*	...
...	8·858	+52·299	0·90	...	...
*	9·088	−56·250	1·00	...	...
*	9·175	+54·174	1·00	...	...
341					
...	+ 9·444	+58·282	− 4	...	...
*	9·477	−50·121	1·00	...	...
...	10·080	−56·013	− 5	...	...
...	10·093	−57·850	0·90	...	...
...	10·112	−32·068	− 5	*m*	...
‡	+10·178	+24·869	1·00	42. 791	9·7
...	10·605	−33·985	− 5	...	...
S *	10·695	− 7·331	2·00	43. 727	9·1
...	10·717	−16·452	− 1	...	...
..	11·123	−49·751	0·90	...	...
351					
...	+11·234	−37·843	− 2	...	...
...	11·592	+48·843	− 4	...	...
...	11·621	−31·334	0·65	...	...
...	11·843	− 8·882	− 4	...	...
...	11·881	+11·791	− 1	...	...
...	+11·908	− 7·257	− 1	...	...
*	11·940	+10·724	7·00	42. 792	6·2
...	12·081	+51·258	− 5	...	...
...	12·149	+11·373	− 4	...	...
...	12·351	−27·518	0·95	43. 728	10·4
361					
...	+13·082	−36·943	− 3	..	...
...	13·199	+40·497	− 3	...	..
*	13·524	+37·672	2·00	42. 793	8·3
..	14·078	−31·856	− 1	...	...
...	14·106	−20·243	0·65	...	...
...	+14·208	+18·484	− 4	...	...
*	14·313	+56·332	2·10	42. 794	8·3
†	14·799	+41·082	0·80	...	...
.	14·804	− 5·226	1·40	43. 729	10·0
...	15·267	+40·946	0·80	...	...
371					
*	+15·331	−31·083	1·25	43. 730	10·4
...	15·500	+44·509	0·70	...	...
...	15·537	−29·488	− 5	*m*	...
...	15·807	−48·064	1·00	43. 731	10·4
...	15·828	+31·424	− 3	...	...
...	+16·191	+23·653	− 4	...	...
*	16·208	−57·416	1·20	43. 732	10·4
...	16·546	+32·363	− 1	...	...
.	16·915	− 0·369	1·15	43. 733	10·4
...	16·988	+42·394	0·70	...	...
381					
...	+17·046	−34·...	− 4	...	...
...	17·678	−13·368	− 2	...	...
...	17·978	+49·267	− 1	...	...
...	18·...	−46·345	− 3	..	...
...	18·388	+32·424	− 3	...	...
*	+18·571	−39·395	2·00	43. 734	9·0
...	18·644	+44·532	− 4	..	.
*	18·799	+29·747	1·20	42. 795	9·7
...	19·005	−49·648	0·90	...	...
.	19·507	−21·800	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	*y.*	0·70.	No.	Mag
391					
†	+19·789	−36·495	− 3	...	...
...	20·218	+36·516	− 5	...	...
...	20·352	+30·666	− 5	...	...
*	20·358	−25·795	1·00	43. 735	10·4
...	20·404	+26·884	− 2	...	...
...	+20·467	+14·998	− 3	...	...
...	21·307	−49·380	− 3	...	...
...	21·448	−48·768	− 5	*m*	...
...	21·473	−20·662	− 5	*m*	...
...	21·818	+49·471	− 4	..	...
401					
...	+22·094	−55·616	− 4	...	...
...	22·116	+ 9·483	− 1	...	...
...	22·563	−43·393	− 5	*m*	...
*	22·589	−52·482	1·40	43. 736	9·2
...	22·611	− 0·716	− 5	*m*	...
...	+22·712	+38·994	0·70	...	...
...	22·759	−25·308	− 5	*m*	...
...	22·828	− 3·346	− 3	...	...
...	22·866	−55·473	− 4	...	...
...	22·963	−57·285	− 5	*m*	...
411					
*	+23·028	−16·663	1·40	43. 737	10·0
...	23·177	−11·171	− 5	*m*	...
...	23·191	−25·592	0·90	...	...
...	23·359	− 5·582	− 4	...	...
*	23·697	+33·638	1·05	42. 796	9·6
...	+23·780	+25·721	− 5	...	...
...	23·922	− 5·914	− 5	*m*	...
...	24·301	+12·103	0·90	...	...
...	24·326	+46·766	− 5	...	...
...	24·390	−34·373	− 4	*b*	...
421					
...	+24·461	+13·060	− 5	...	...
...	24·477	−33·137	− 4	...	...
*	24·523	+ 0·275	1·20	42. 797	9·6
...	25·322	−45·967	0·70	...	...
†	25·411	+19·852	− 3	...	...
*	+26·076	+31·186	2·00	42. 798	8·7
...	26·426	+12·621	− 5	...	...
*	26·505	+32·335	1·30	42. 799	9·4
*	26·727	+55·271	1·20	42. 800	9·7
...	26·888	+58·020	− 4	...	...
431					
...	+26·900	+57·038	− 5	*m*	...
...	27·084	+40·922	− 2	...	...
...	27·632	+45·030	− 4	...	...
...	27·842	+ 9·725	− 5	...	...
*	27·969	−33·141	1·00	43. 738	10·4
...	+28·213	− 0·535	− 5	*m*	...
...	28·295	−18·104	− 3	...	...
...	28·512	−43·267	− 4	...	...
...	28·773	−11·826	− 5	*m*	...
...	29·409	−39·488	1·00	...	...
441					
...	+29·604	+57·394	− 1	...	...
...	29·609	−27·670	0·70	...	...
†	29·769	+ 9·726	0·70	...	...
...	29·931	−19·929	− 4	*m*	...
*	30·165	−38·326	1·20	43. 739	10·4
...	+30·356	+22·201	− 3	...	...
..	30·400	−51·399	− 4	*b*	..
...	30·602	+16·209	− 4	...	...
...	30·711	+42·889	− 5	...	...
S *	30·731	+ 7·53...	5·00	42. 801	6·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
		451-500			
451					
...	+30·813	+13·171	− 1	...	...
...	30·829	+ 0·602	− 5	...	...
...	30·996	−33·853	− 3	...	...
...	31·006	+18·459	0·85	...	...
...	31·100	−56·779	− 3	...	...
...	+31·830	+32·353	− 4	...	...
...	32·039	+35·320	− 4	...	...
...	32·261	+ 6·925	− 5	*m*	...
...	32·506	+ 0·411	0·95	...	...
*	32·599	−23·915	1·40	43. 740	10·0
461					
...	+32·840	+27·83	− 3	...	...
*	32·985	+ 2·255	1·20	42. 803	9·7
*	32·992	− 4·229	1·40	43. 741	10·0
†	33·143	−10·071	0·70	...	...
*	33·304	+42·206	1·35	42. 802	9·4
. .	+33·419	+ 2·956	− 3	...	...
S *	33·602	−54·440	3·00	43. 742	7·6
...	33·669	−22·032	− 4	*a*	...
...	33·783	−28·087	− 3	...	...
...	34·122	+59·484	− 4	...	...
471					
*	+34·147	−24·466	1·30	43. 743	10·1
†	34·328	+44·882	− 4	...	...
...	34·345	−34·379	− 1	...	...
†	34·728	+43·779	1·00	42. 804	9·9
. .	34·883	−17·522	0·95	...	...
...	+35·091	+23·887	− 3	...	...
†	35·165	−49·884	− 3	...	...
...	35·582	+38·524	− 4	...	...
...	35·638	+15·233	− 2	...	...
...	35·981	+37·810	− 3	...	...
481					
*	+36·316	+29·992	1·00	...	...
...	36·639	−19·523	− 3	...	...
...	37·211	− 2·539	− 5	*m*	...
...	37·386	+35·621	− 5	...	...
...	37·450	− 6·654	− 3	*b*	...
...	+38·304	−26·102	− 3	...	...
...	38·657	+ 6·962	− 4	...	...
...	38·707	+34·635	− 5	...	...
...	38·840	−36·567	1·00	...	...
...	38·990	−51·022	1·00	...	...
491					
...	+39·346	+ 0·018	− 3	...	...
...	40·283	+29·082	0·70	...	...
*	40·641	+58·597	1·90	42. 805	9·0
...	41·187	+20·692	0·70	...	...
...	41·189	+27·944	0·85	...	...
...	+41·904	+29·380	0·70	...	...
...	41·983	+47·065	− 5	...	...
...	42·069	−22·944	0·90	...	...
†	42·394	−39·933	0·80	...	...
...	42·710	+18·245	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
		501-550			
501					
...	+42·758	+44·552	− 5	...	...
...	43·313	−13·895	− 5	...	...
...	43·348	−10·261	0·90	...	...
...	43·576	−38·886	0·80	...	...
...	43·583	+23·252	− 5	...	...
...	+43·793	+ 0·773	− 5	*a*	...
...	44·052	+11·818	− 5	...	...
...	44·091	+11·898	0·90	...	...
...	44·478	+33·107	1·00	...	...
...	44·578	−59·400	− 5	*m*	...
511					
‡	+44·682	−48·429	1·15	43. 744	10·2
‡	44·733	+50·616	1·15	42. 806	9·3
...	45·162	−50·349	− 3	...	...
...	45·186	−20·903	− 5	*a*	...
...	45·282	−56·413	− 4	...	...
...	+45·295	+ 1·089	− 2	...	...
...	45·487	+32·092	− 5	...	...
*	45·588	+51·064	1·35	42. 807	9·2
...	45·945	−24·652	0·85	...	...
...	46·206	− 5·299	− 4	...	...
521					
S *	+46·280	−49·644	1·55	43. 745	9·2
...	46·636	−49·180	− 1	...	...
...	46·742	−46·607	− 5	...	...
...	46·779	+34·284	− 2	...	...
...	46·864	−18·820	1·00	...	...
...	+47·232	+15·593	− 5	...	...
...	47·241	+50·449	− 5	...	...
f ‡	47·482	− 0·058	1·00	42. 808	9·7
...	47·580	+ 2·968	− 5	...	...
...	47·581	+16·528	− 5	...	...
531					
...	+47·723	+11·006	− 5	...	...
†	47·742	−49·855	− 4	...	...
...	47·842	−17·407	− 3	...	...
...	47·850	− 6·933	− 2	...	...
.	47·937	−23·081	− 5	*m*	...
...	+48·417	+19·156	− 5	...	...
...	48·475	+12·428	0·95	...	...
...	48·654	+ 8·726	− 5	...	...
...	48·714	−53·443	− 4	...	...
...	48·859	+58·615	− 5	...	...
541					
...	+48·892	+13·787	− 4	...	...
...	49·245	−22·422	0·90	...	...
...	49·258	−40·864	0·90	...	...
†	49·687	+36·153	1·00	42. 810	9·9
...	49·834	− 7·368	− 5	*m*	...
...	+49·979	+55·939	1·20	42. 809	9·9
...	50·238	+18·899	− 4	...	...
...	50·351	+11·410	− 3	...	...
...	50·657	−42·220	− 5	*m*	...
*	50·668	−30·251	1·20	43. 746	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
		551-588			
551					
..	+50·692	− 7·751	− 3	...	...
*	51·086	−25·036	1·00	...	...
...	51·243	−41·737	− 4	...	...
.	51·338	−27·762	− 5	*m*	...
...	51·352	−52·535	− 4	...	...
...	+51·509	+29·158	− 5	*m*	...
...	51·616	+16·276	− 4	...	...
.	51·621	+16·191	− 3	...	...
...	51·987	+ 8·269	− 4	...	...
*	52·110	+34·448	1·40	42. 811	9·1
561					
..	+52·146	+32·733	− 5	*a*	..
...	52·402	−53·662	− 3	...	...
*	52·429	+18·371	1·25	42. 812	9·7
...	53·032	−52·827	0·70	...	...
...	53·145	−12·513	− 4	*a*	...
...	+53·318	−41·823	− 4	...	...
..	53·671	−42·476	− 1	...	..
...	54·222	−11·509	1·00	...	...
...	54·338	−42·209	0·80	...	...
...	54·589	−24·668	0·90	...	...
571					
S *	+54·918	− 1·834	1·20	43. 747	10·1
...	55·336	+35·047	− 4	*m*	...
..	55·703	−13·087	− 5	*m*	...
*	55·954	+45·068	1·20	42. 813	9·9
...	56·639	+23·991	− 4	...	...
...	+57·056	− 5·732	− 5	*m*	...
...	57·300	+38·249	− 1	...	...
*	57·604	− 6·589	1·20	43. 748	10·4
...	57·617	+29·240	− 5	*m*	...
...	57·980	− 2·159	− 5	*m*	...
581					
...	+58·064	−11·480	− 4	*a*	..
...	58·414	+ 9·302	− 3	...	...
...	58·417	−43·473	− 5	...	...
S *	58·588	+37·998	2·00	42. 814	8·8
*	58·831	−57·712	1·40	43. 749	10·4
...	+59·111	− 0·340	− 2	*f*	...
...	59·189	+41·162	− 4	...	...
...	59·288	−53·079	− 5	*m*	...

Notes.	Co-ordinates. x.	y.	Diam. −4.	C.P.D. No.	Mag.
1–60					
1					
*	−58·647	+34·356	1·45	42. 811	9·1
...	58·15	−30·350	0·75	43. 746	10·4
...	57·892	−25·129	−3	...	...
*	57·849	+18·294	1·00	42. 812	9·7
...	55·172	−11·518	−3	...	...
...	−55·121	+45·076	0·70	42. 813	9·9
S ‡	54·747	− 1·824	1·10	43. 747	10·1
...	54·406	−24·659	−3	...	...
S *	52·262	+38·089	1·65	42. 814	8·8
*	51·933	− 6·497	1·00	43. 748	10·4
11					
...	−49·214	+39·315	0·95	42. 816	9·9
*	49·179	−57·552	1·00	43. 749	10·4
...	49·055	+15·969	0·90	42. 815	9·9
...	47·405	−37·733	−3	...	...
...	47·383	+33·882	−1	...	...
...	−46·536	− 5·375	0·65	43. 750	10·4
...	45·136	−42·405	−4	...	...
F †	44·760	− 0·206	0·90	43. 751	10·4
*	42·623	− 9·923	1·00	42. 817	9·7
*	40·236	+27·154	1·00	42. 818	9·8
21					
...	−40·067	+46·883	−2	...	...
†	39·659	+59·502	−3	...	...
S *	39·324	−52·275	1·50	43. 752	9·4
...	39·001	−20·238	0·65	..	...
...	38·978	+31·945	−2	...	...
...	−38·165	+52·165	0·65	42. 819	10·0
...	37·343	+14·299	−5	...	...
...	37·316	+21·107	−5	..	...
...	37·310	+31·694	−3	...	...
*	36·783	+38·533	2·20	42. 820	8·8
31					
...	−36·670	−21·917	0·90	43. 753	10·4
...	34·888	+18·906	−3	...	...
...	34·265	−37·901	0·80	43. 754	10·4
...	33·494	− 5·322	0·95	43. 755	10·1
*	33·375	−36·166	1·00	...	...
*	−33·219	+ 8·648	1·00	42. 821	9·8
...	32·375	−19·379	−5	...	...
†	32·149	+35·254	−3	...	...
S *	31·475	+ 4·675	1·75	42. 822	8·9
*	31·466	+ 32·676	2·00	42. 823	8·1
41					
...	−31·185	−23·465	−3	...	...
...	30·120	−31·460	−4	...	...
...	30·068	+35·944	−2	...	...
..	29·612	+36·478	0·95	...	...
†	28·949	−49·437	−2	...	...
...	−28·796	+ 8·956	0·75	...	...
..	28·495	+44·177	−5	...	...
*	27·982	+46·026	1·00	42. 824	10·0
*	26·906	+41·189	1·00	42. 825	10·0
*	26·[illegible]2	−56·790	1·40	43. 756	10·0
51					
...	−26·306	+22·037	−1	...	...
...	25·715	+13·908	−3	..	...
*	25·695	−32·953	1·25	43. 757	10·0
...	25·540	+43·713	−5	...	...
...	25·446	+24·765	−4	...	...
†	−25·212	+20·291	−4	...	...
*	23·[illegible]3	+14·691	1·05	42. 826	9·8
...	23·800	−36·133	0·75	43. 758	10·4
...	23·713	−31·773	−5	...	...
S *	23·127	−55·559	3·45	43. 759	7·4
61–120					
61					
*	−23·101	+13·165	2·00	42. 827	8·6
...	22·278	− 1·207	−2	...	...
...	21·992	+26·699	−2	...	...
...	20·932	+ 0·059	−5	a	...
...	20·897	+ 6·699	0·80	42. 828	10·0
...	−19·421	+32·142	0·80	42. 829	10·0
*	18·831	+53·492	1·20	42. 830	9·6
...	18·672	+19·234	−4	...	...
...	18·444	−11·724	−5	...	...
...	17·109	−28·297	−5	...	...
71					
...	−16·332	−18·255	−5	...	...
*	15·971	− 3·284	1·15	43. 761	10·0
*	15·608	+42·778	4·80	42. 831	6·9
...	15·280	+55·944	−4	...	...
...	15·165	+30·345	−4	...	...
*	−14·990	+32·172	1·40	42. 832	9·2
...	14·304	−31·500	−3	...	...
...	13·939	−16·161	−4	...	...
...	13·397	+ 9·298	0·90	42. 833	10·0
...	12·291	−26·612	−1	...	...
81					
...	−10·611	+25·250	−4	..	...
...	10·429	+59·061	−4	...	...
...	10·071	−34·864	−5	...	...
†	9·888	− 1·502	0·65	...	...
...	9·259	+14·797	0·70	...	...
†	− 9·068	−39·369	−2	...	...
...	8·885	−10·170	−4	...	...
...	4·677	−20·975	0·65	...	...
S *	4·537	+13·238	1·35	42. 834	9·4
*	4·166	+13·281	1·00	42. 835	10·0
91					
...	− 2·961	+47·827	−5	...	...
...	2·557	+57·865	0·80	...	...
S *	2·496	+51·695	5·70	42. 836	6·2
...	2·348	+54·497	−2	...	...
...	1·534	+31·223	−3	...	...
...	− 1·534	−16·862	−3	...	...
...	0·195	+49·150	0·90	42. 837	10·0
...	0·154	− 3·360	−4	...	...
...	− 0·151	+37·490	−5	...	...
...	+ 1·202	+30·919	0·75	42. 838	10·0
101					
...	+ 1·745	−53·646	−5	..	...
...	2·383	+38·681	−3	...	...
...	2·826	− 1·829	−3	...	...
...	3·057	+51·661	−5	...	...
*	3·464	+53·983	1·20	42. 839	9·6
*	+ 4·961	−13·641	1·10	43. 762	10·1
†	5·153	+14·313	−2	42. 840	10·0
...	5·901	+27·535	−2	...	...
*	5·939	+24·463	1·20	42. 841	9·7
...	6·475	−56·077	−2	...	...
111					
...	+ 6·516	−19·829	−5	..	...
S *	6·59[illegible]	+12·619	3·00	42. 842	8·0
...	7·367	−18·738	−5	..	...
...	8·020	−23·409	−5	...	...
...	8·384	−47·822	−3	...	...
S *	+ 8·541	−47·708	3·53	43. 763	7·2
...	10·463	−29·083	−4	..	...
...	11·065	+11·234	−4	...	...
...	11·148	+33·226	−3	...	...
...	11·224	−59·282	−4	...	...
121–180					
121					
...	+11·445	−21·400	−4	...	...
...	11·919	− 9·126	−3	...	...
*	12·256	+39·666	1·15	42. 843	9·7
*	13·093	−20·776	1·30	43. 764	9·8
S *	13·173	+19·952	1·80	42. 845	8·8
...	+13·310	+55·559	0·65	42. 844	10·0
...	13·444	−39·271	0·70	...	...
...	13·589	−47·761	−4	...	...
...	14·738	−15·504	0·80	43. 765	10·4
...	15·628	−55·456	−4	...	...
131					
...	+16·257	−54·155	0·70	...	...
...	16·699	−20·532	0·65	...	...
...	16·851	−45·195	−4	...	...
...	17·493	+ 6·488	−3	...	...
...	17·572	−53·291	0·65	...	...
...	+17·943	+41·857	−5	...	...
*	18·925	−44·296	1·00	43. 766	10·4
*	19·428	+ 5·239	1·40	42. 846	9·2
...	19·692	−27·973	−5	...	...
...	19·796	+14·716	0·95	42. 847	10·0
141					
*	+19·889	+ 4·634	1·20	42. 848	9·3
S *	21·180	+47·695	1·30	42. 849	9·2
...	21·825	+29·025	−3	...	...
*	22·353	+48·452	1·00	42. 850	9·6
...	22·368	−36·779	0·65	...	...
*	+22·725	−20·911	1·00	43. 767	10·4
*	23·458	+47·800	1·15	42. 851	9·4
...	23·591	−32·523	0·70	...	...
...	25·275	− 7·050	−2	.	...
...	26·285	− 2·718	0·80	...	...
151					
...	+26·339	+11·778	−3	...	...
...	26·956	+19·138	−3	...	...
...	27·445	−55·927	−4	...	...
...	27·507	+17·723	−4	...	...
...	27·604	+ 1·884	0·85	..	...
...	+27·737	−17·802	−4	...	...
...	27·789	+25·289	0·65	...	...
...	29·959	− 9·324	0·90	43. 768	10·4
†	30·387	−24·492	0·80	43. 769	10·1
...	32·247	+14·975	−4	...	...
161					
...	+32·831	−33·588	−2	...	...
*	33·093	−24·735	1·00	43. 770	10·1
...	34·076	−38·036	−4	...	...
*	34·221	+54·102	1·25	42. 852	9·2
...	34·338	− 1·113	−2	43. 771	10·4
*	+34·476	+51·722	1·40	42. 853	9·4
*	35·399	+25·933	1·80	42. 854	8·4
...	36·427	− 1·976	−3	...	...
...	36·871	−35·193	0·80	43. 772	10·4
...	37·185	−49·856	−3	...	...
171					
...	+37·421	+ 7·673	−2	...	...
...	37·440	+17·921	0·70	...	...
...	37·646	+57·454	−3	...	...
...	38·189	+ 9·449	−4	...	...
...	38·236	+48·969	0·65	42. 855	10·0
...	+39·289	+53·351	0·80	42. 856	9·8
*	39·394	−57·050	1·25	43. 773	10·0
†	39·948	+26·033	0·80	42. 858	9·8
*	40·192	+58·362	1·45	42. 857	9·2
...	40·406	−10·495	−4	...	...

Film blistered.

B measured from 1, 33, 77, 130, 188.
CH [illegible], 19, 57, 100, 159.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
181 200					
181					
...	+40·423	+20·552	− 4		
...	41·351	+42·103	− 4		...
...	41·469	+15·262	− 3		...
...	42·000	+ 5·017	− 4		
*	42·391	−39·035	1·4	43. 774	9·5
..	+42·429	+22·432	− 3	...	...
..	44·303	−10·476	− 4		...
...	45·278	+37·799	− 4		...
..	45·591	−29·725	− 2		...
*	46·335	−55·844	1·00	43. 775	10·0
191					
...	+46·523	+ 3·253	0·75	..	...
...	46·559	− 1·910	− 4	...	...
...	47·850	+13·488	− 3	...	...
*	47·951	−10·901	1·00	43. 776	10·4
a *	48·664	− 0·063	1·50	42. 860	9·0
..	+48·964	+ 2·493	0·7	...	...
..	49·117	+51·784	− 3	...	...
S *	49·144	+ 0·871	3·00	42. 861	7·6
*	49·222	+45·999	1·00	42. 859	9·7
...	49·808	−56·807	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
201 216					
201					
...	+50·575	+23·209	0·95	42. 862	10·0
S *	50·816	−36·222	2·75	43. 777	8·4
	52·466	+49·272	− 1	42. 863	10·0
*	52·644	−22·491	1·4	43. 778	9·4
...	53·398	+34·979	0·65	..	..
*	+53·623	−28·605	1·30	43. 779	9·8
..	53·863	− 0·107	− 3	..	...
S *	54·298	−34·681	1·85	43. 780	9·0
S *	54·320	+33·129	1·55	42. 864	9·2
...	55·535	+43·132	− 4	...	...
211					
...	+56·046	+26·013	0·80	..	...
.	58·226	+ 8·439	− 4	...	...
*	58·928	+30·217	1·00	42. 865	9·4
	59·034	−25·634	1·00	43. 782	10·1
...	59·651	−48·492	− 3	...	...
...	+59·683	− 4·206	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.

1–30					
1					
*	−59·835	+23·072	1·10	42. 862	10·0
...	59·226	−11·633	− 3	...	...
...	59·200	+ 8·593	− 5	...	
...	59·116	−18·417	− 5	M	...
...	59·081	− 7·720	− 5	M	...
...	−58·742	+49·185	0·80	42. 863	10·0
...	58·246	−56·936	− 2	...	...
...	58·061	+20·485	− 4	...	...
S *	57·818	−36·332	2·00	43. 777	8·4
...	57·768	−16·809	− 5	M	...
11					
...	−57·376	+34·915	0·80	...	...
...	57·271	−10·078	− 5	M	...
...	57·134	+58·320	− 4	...	...
...	56·517	−15·642	− 4	...	...
*	56·417	−22·541	1·40	43. 778	9·4
S *	−56·399	+33·103	1·35	42. 864	9·2
...	56·356	+ 2·045	− 4	...	...
...	56·333	+14·958	− 5	...	...
...	56·273	+44·746	− 5	...	...
...	55·857	− 0·129	0·75	E	...
21					
...	−55·682	−26·515	− 3	...	...
...	55·615	−36·615	− 3	...	...
...	55·482	+43·139	− 2	...	...
*	55·257	−28·613	1·20	43. 779	9·8
...	54·455	+26·040	0·90	...	...
S *	−54·396	−34·683	1·40	43. 780	9·0
...	54·181	+23·092	− 3	...	...
...	53·269	+27·127	− 5	...	...
...	53·131	−55·799	− 5	M	...
...	52·957	−41·578	− 5	M	...

31–60					
31					
...	−52·924	−45·438	− 3	..	...
...	52·496	+52·083	− 5	.	...
...	52·327	−58·084	− 5	.	...
...	51·847	−55·277	− 4	..	...
...	51·755	+ 8·531	− 1	...	...
*	−51·698	+30·328	1·20	42. 865	9·4
...	51·605	+21·378	− 4	.	...
..	51·035	+ 4·930	− 5	.	..
...	50·980	−49·801	− 4	.	...
...	50·649	+ 4·022	− 1	...	...
41					
...	−50·544	+23·617	− 3	...	...
‡	49·937	−25·502	1·10	43. 782	10·1
†	49·920	− 4·059	0·70	...	..
...	49·680	+ 9·034	− 5	M	..
...	49·359	+31·919	0·80	...	
...	−49·320	+26·004	− 4	...	...
...	49·305	−34·573	− 5	M	...
..	48·770	−24·361	− 4	...	...
...	48·631	−48·328	0·80	...	...
...	48·503	−53·246	− 5	M	...
51					
...	−48·399	−49·161	− 5	...	...
...	48·116	− 3·430	− 5	M	...
...	48·030	+ 6·573	− 3	...	...
...	47·601	+15·203	− 5	M	..
...	47·595	−23·368	0·80	...	...
...	−47·454	−36·765	− 5	...	...
...	47·448	+ 6·384	− 5	M	...
...	47·086	+ 7·277	− 5	M	...
...	46·809	−11·356	− 4	...	...
...	46·381	+34·393	− 3	...	...

61–90					
61					
..	−46·323	−11·853	− 5	..	...
..	46·079	+31·166	− 2	...	...
...	45·463	+39·358	− 5	...	...
...	45·306	−32·564	− 5	M	...
..	45·265	−51·842	− 5	...	..
...	−44·554	−25·729	− 5	M	...
...	44·258	+52·234	− 3	...	...
.	43·831	−40·855	0·70	...	...
...	43·809	+33·254	− 3	.	...
...	43·634	−36·737	− 5	...	...
71					
...	−43·620	− 6·943	− 4	...	...
...	43·526	+12·131	− 3	...	...
...	43·514	−38·090	− 3	...	...
...	43·488	−45·636	− 3	...	...
*	43·390	− 6·720	1·20	43. 783	9·6
...	−43·113	−14·040	− 4	...	...
...	43·100	+17·705	− 5	...	...
...	43·016	−45·653	0·75	...	...
...	42·626	− 2·549	− 2	..	...
...	42·542	+ 5·474	− 5	...	...
81					
...	−42·534	−21·090	− 4	B	...
*	42·436	+15·665	1·00	42. 866	10·0
...	42·421	−35·202	0·80	...	...
...	42·405	−58·524	− 5	..	...
*	42·389	+21·667	1·00	...	...
...	−42·293	+35·745	− 4	...	...
...	42·251	+18·075	0·80	...	...
*	42·210	−41·460	1·10	43. 784	10·4
*	41·806	+ 7·225	1·00	...	...
...	41·427	+54·124	− 5	...	...

S measured from 1, 2 [illegible], 158.
CH ,, ,, 97, [illegible], 581.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
91–150					
91					
...	−41·370	−51·954	−5	...	...
.	41·2[illegible]	+ 8·581	−5	M	...
*	41·122	+55·838	1·40	42. 867	8·9
...	41·087	+18·588	0·80	...	...
...	40·944	−44·447	−5	M	..
...	−40·270	−16·518	−3	..	...
..	39·877	+53·957	−1	...	...
*	39·818	+43·512	1·30	42. 868	9·2
...	39·706	+18·439	−5	...	...
...	39·697	+35·290	−4	...	...
101					
...	−39·599	+ 6·522	−3	...	..
...	39·537	−18·279	−4	...	...
...	39·518	−44·292	−2	...	...
.	39·444	+31·850	−4	..	..
..	39·191	−24·246	−5	M	...
*	−39·170	− 3·148	1·00	...	...
.	39·112	+13·138	−4	...	...
...	39·038	+23·082	−5	...	...
..	38·804	−14·342	−5	M	...
...	38·662	+54·387	1·20	42. 869	9·6
111					
..	−37·988	−17·637	−2	...	...
	37·833	− 1·158	−5	M	...
*	37·644	−12·647	2·00	43. 785	8·6
..	37·461	− 1·660	−5	M	
.	37·206	+12·051	−4	...	.
..	−37·111	+46·393	−5	...	...
..	37·068	+36·928	−5	.	...
...	36·851	+28·268	−3	..	...
...	36·668	−17·350	−5	M	
...	36·583	+39·916	−4	...	...
121					
...	−36·055	−27·817	−5	M	...
*	36·019	+23·692	1·30	42. 870	9·0
...	35·679	+51·045	−5	...	...
...	35·376	−59·242	−3	...	...
*	35·132	−23·304	1·10	43. 786	10·4
..	−35·037	−58·390	−2	...	...
...	34·942	+22·315	−5	...	..
...	34·756	−43·577	0·70	...	...
.	34·430	+14·779	1·20	42. 871	9·2
...	34·266	+19·632	−4	...	...
131					
...	−33·708	+ 2·586	−4	...	...
..	33·587	− 4·331	−4	M	..
..	33·567	−51·170	−5	M	...
*	33·303	+44·537	1·50	42. 872	8·8
...	33·238	−13·796	−1	.	...
...	−32·748	+ 7·256	0·80		...
...	32·376	+18·268	−2		...
.	32·329	+20·284	−4	..	..
a *	32·006	− 0·097	1·25	42. 873	9·3
..	31·8[illegible]	+ 5·143	−2	...	...
141					
...	−31·641	−25·439	−4	.	.
†	31·584	+34·728	−2	..	
..	31·161	−14·777	−4	M	
...	31·[illegible]	+39·352	−4	...	.
..	30·696	−17·425	−2	..	..
...	−3[illegible]	+46·379	−5	.	
...	30·430	−34·257	−5	M	.
...	30·252	−46·739	−1	...	..
...	30·240	+ 8·250	−4	...	.
...	30·168	−12·[illegible]	−5	M	...
151–210					
151					
...	−29·879	+49·320	−5	..	...
...	29·871	+29·657	−4	..	...
...	29·810	+49·059	−5	...	...
...	29·651	+ 5·190	−3	...	...
*	29·374	+56·436	1·20	42. 874	10·0
.	−29·315	+38·360	−4	...	...
...	29·263	−43·341	−5	M	...
...	29·233	− 8·961	−5	M	...
..	28·766	−19·434	−2	...	...
...	28·727	−49·218	−4	A	...
161					
..	−28·717	−28·076	−4	...	...
...	28·688	−15·258	−5	M	...
..	28·546	− 2·283	−2	...	...
...	28·293	−47·046	−5	M	...
...	28·269	+25·412	−4	...	...
...	−28·240	+59·216	0·90	42. 875	10·0
...	28·227	−12·276	−5	M	...
...	28·215	−50·875	−3	...	...
...	28·036	− 9·479	0·65	...	...
*	28·028	+12·273	1·00	42. 876	10·0
171					
...	−27·821	+58·366	−5	...	...
	27·605	−37·688	1·40	43. 787	9·2
†	27·382	−20·136	0·70	...	...
S *	27·265	− 8·741	2·10	43. 788	8·1
..	27·207	−33·009	−3	...	..
...	−26·795	−58·963	−3	...	...
	26·634	−42·388	−3	..	...
	26·240	−52·233	−4	...	..
..	25·981	−56·456	−5	.	...
...	25·959	+13·548	−1	...	...
181					
...	−25·958	+18·236	−4	...	..
...	25·912	+24·256	0·65	...	...
...	25·684	+19·985	−4	...	...
...	25·541	− 3·765	−5	M	...
...	25·120	+ 6·887	−5	M	...
...	−24·894	+33·004	−1	...	...
...	24·853	− 1·093	−5	M	...
...	24·837	− 0·863	−5	M	.
...	24·698	−31·653	−5	M	...
...	24·676	−25·222	−1	...	...
191					
...	−24·566	−25·308	−4	B	...
...	24·368	+ 2·462	−5	M	...
*	23·974	+ 6·625	1·20	42. 877	9·4
...	23·776	+16·357	−4	...	...
..	23·491	−14·283	−3	...	...
...	−23·251	+ 4·287	−3	...	...
.	23·211	−42·907	−1	.	...
...	23·189	−42·356	−2	...	...
. .	22·196	−34·877	−5	M	...
*	21·162	+56·776	1·20	42. 878	9·7
201					
...	−20·967	+41·230	−5	...	...
...	20·345	+20·764	−5	M	...
..	20·213	+48·907	−4	...	...
	20·200	−37·341	−4	...	...
...	20·066	−53·687	−5	M	.
	−20·031	+56·761	−4	...	..
...	19·735	−24·936	0·80	...	...
...	19·364	+44·721	−5	...	...
...	19·245	−15·761	0·85	...	...
*	18·807	+45·430	1·30	42. 879	9·0
211–270					
211					
	−18·749	−15·979	−5	M	...
...	18·618	+25·441	0·80	...	...
...	18·578	−43·024	−5	M	...
...	18·417	−30·326	−5	M	...
...	18·396	−39·182	−4	A	...
...	−18·293	+ 9·046	−3	...	...
..	18·285	+15·611	−5	...	...
...	18·258	−35·586	−5	M	...
.	18·246	+35·361	−2	...	...
...	18·196	+35·300	−4	...	...
221					
...	−17·799	− 0·285	−3	B	...
...	17·752	+51·781	−5	...	...
..	17·706	−45·471	−4	...	...
...	17·690	+34·565	0·70	...	...
*	17·518	− 2·938	1·20	43. 789	9·4
..	−17·382	−16·063	0·70	...	...
...	17·194	− 4·717	−5	M	...
†	16·811	−15·161	−5	M	...
...	16·728	+54·402	−5	...	...
...	16·717	−31·473	0·65	...	...
231					
...	−16·613	−31·038	−5	M	. .
..	16·608	+18·409	0·70	...	...
...	16·596	+41·128	−3	...	...
*	16·312	−36·519	1·10	43. 790	10·0
...	16·210	+34·563	−3	...	...
..	−16·763	−41·634	−4	..	...
...	15·683	−4[illegible]·853	−5	...	...
...	15·589	+19·964	−4	...	...
*	15·512	+36·065	1·10	42. 880	9·6
...	15·495	−40·326	−5	M	...
241					
...	−15·342	−38·242	0·70	...	...
...	14·880	+20·604	−5	...	...
...	14·594	− 3·749	−4	M	. .
..	14·416	− 7·791	−5	M	...
...	13·994	+41·599	−4	...	...
...	−13·935	−13·387	−3	...	...
...	13·906	−48·742	0·90	...	...
..	13·892	− 6·027	0·70	...	...
...	13·830	+12·959	−4	M	...
*	13·610	−36·459	3·00	43. 791	7·4
251					
...	−13·250	− 7·936	0·85	43. 792	10·4
*	12·924	− 9·840	1·00	43. 793	10·2
...	12·785	+43·451	−2	..	...
...	12·628	+37·563	0·80	...	...
...	12·619	+34·379	−4	...	...
...	−12·564	−23·107	0·80	43. 794	10·2
...	12·385	− 7·063	−4	...	...
. .	12·108	−24·173	−4	...	...
...	11·961	+11·485	−4	...	...
...	11·182	+ 4·495	−4	M	...
261					
...	−11·169	+47·669	−2	...	...
...	11·048	−41·408	0·65	...	...
...	10·985	−14·831	−5	M	...
...	10·938	−10·774	−3	A	...
...	10·612	−59·408	−5	...	...
...	−10·402	+16·862	−2	.	...
...	10·196	−24·493	−3	...	...
...	10·189	+15·200	0·75	...	...
†	10·093	+21·124	−3	...	.
†	9·695	− 5·132	−4	M	...

271–330

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
271					
*	− 9·694	− 2·601	1·30	43. 795	9·2
..	8·892	−19·981	− 3	...	..
...	8·872	+50·249	− 4	M	..
..	8·787	−29·354	− 3	M	..
.	8·684	+30·979	− 3		.
..	− 8·582	−29·138	0·70	..	..
...	8·551	−21·990	− 2	...	...
...	8·389	−13·229	− 4	M	...
*	8·127	+50·260	1·20	42. 881	9·4
...	7·863	−29·284	− 2	..	...
281					
*	− 7·823	+25·577	1·10	42. 882	9·7
...	7·287	+28·363	− 3	...	..
...	7·212	+16·923	− 5	M	...
...	7·089	+40·228	− 3	...	...
...	6·746	+52·513	− 4	...	...
	− 6·735	+ 2·235	− 5	M	...
...	6·732	+10·156	− 3	...	
...	6·293	+36·127	− 5	M	..
...	6·147	+28·865	0·65	...	...
...	6·044	+30·941	0·80	..	...
291					
...	− 5·945	−50·291	− 4	...	...
...	5·923	+30·300	− 5	M	...
...	5·617	+34·270	− 5	M	...
...	5·234	+ 1·033	− 3	...	...
†	5·178	+17·775	1·00	42. 883	10·0
...	− 4·869	+21·345	− 5	M	...
†	4·788	+49·649	− 3	...	...
...	4·504	−36·569	− 3	...	...
...	4·377	−14·598	− 3	*m*	...
...	4·131	+40·817	− 5	*m*	...
301					
*	− 3·840	−44·412	1·00	43. 796	10·0
...	3·342	−56·845	0·75	...	...
S *	3·340	+ 3·250	1·40	42. 884	8·7
...	3·189	−27·300	− 4	...	...
...	3·020	+45·403	− 5	*m*	...
...	− 2·724	−24·896	− 4	...	...
...	2·611	−39·308	− 5	M *m*	...
...	2·300	+28·458	− 1	...	...
...	2·022	−46·715	− 4	...	...
...	1·929	+25·799	− 4	*m*	...
311					
*	− 1·802	−25·858	1·10	43. 797	9·9
...	1·791	+30·662	− 4	*m*	...
...	1·713	+ 2·974	− 4	M *m*	...
...	1·643	−11·933	− 3	...	...
...	1·545	+12·614	0·70	...	...
...	− 1·350	+46·590	− 5	*m*	...
S *	1·330	+43·679	1·25	42. 885	9·4
...	1·246	−51·853	− 5	M	...
...	1·222	+20·097	− 5	*m*	...
...	0·996	−45·155	− 4	...	...
321					
...	− 0·722	+58·425	− 5	*m*	...
*	0·663	−45·326	1·00	43. 798	10·2
...	0·375	−32·468	− 4	...	...
...	0·371	−23·946	− 4	M *m*	...
*	0·324	−19·804	1·00	43. 799	10·2
...	− 0·313	+47·599	− 5	*m*	...
...	0·246	+36·352	− 1	...	...
...	0·220	−19·439	− 5	M *m*	...
...	0·187	−54·809	− 3	...	...
†	0·134	+15·384	− 2	*m*	...

331–390

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
331					
...	+ 0·106	−25·555	− 5	M *m*	.
.	0·276	−56·240	− 5	M	
..	0·477	−29·157	− 5	M *m*	.
..	0·510	+45·987	− 3	*m*	...
...	0·592	−40·151	− 5	M	...
	+ 0·617	− 7·017	− 2	..	...
...	0·928	−51·381	− 5	M	...
...	0·985	+18·548	− 3	.	
.	1·047	+20·264	− 3	*m*	...
...	1·132	− 7·262	− 5	M *m*	
341					
...	+ 1·482	+16·963	− 3	*m*	
...	1·498	− 1·563	0·75	43. 800	10·2
...	1·710	+18·570	− 4	*m*	.
...	1·915	+24·374	− 4	*m*	...
..	1·928	−44·699	− 5	M *m*	..
...	+ 1·973	+37·004	− 4	*m*	...
...	2·099	−58·589	− 4	...	..
*	2·161	−32·975	1·20	43. 801	9·8
.	2·214	+53·804	− 5	*m*	...
...	2·875	+18·007	− 5	M *m*	...
351					
†	+ 2·901	+24·821	− 5	M *m*	...
...	3·053	−49·214	− 5	...	..
...	3·078	− 0·372	− 3	M	..
..	3·216	− 2·019	− 2	M	...
..	3·257	−29·108	− 4	...	...
...	+ 3·369	+15·432	− 5	*m*	...
*	3·528	−39·310	1·45	43. 802	9·0
...	3·720	+49·055	− 5	*m*	.
...	3·846	+43·406	− 5	M *m*	...
...	3·849	− 0·281	− 2	M	.
361					
*	+ 3·853	+25·070	1·00	42. 886	9·8
...	4·015	+51·056	− 5	*m*	...
*	4·028	+23·845	1·10	42. 887	9·6
*	4·095	−50·354	1·50	43. 803	9·1
...	4·332	+ 7·502	− 5	M *m*	...
...	+ 4·412	+21·375	− 3	*m*	..
...	4·451	+24·382	− 4	*m*	...
...	4·465	−49·996	− 4	...	..
...	4·687	+56·166	− 5	*m*	
...	4·913	+21·755	− 5	*m*	...
371					
...	+ 5·145	+ 1·518	− 5	*m*	...
...	5·202	+ 0·167	0·65	*a*	...
...	5·236	−16·610	0·90	43. 804	10·2
...	5·331	+23·970	− 4	*m*	...
...	5·345	+ 0·438	− 5	*m*	...
...	+ 5·429	+32·881	− 4	*m*	...
...	5·583	−52·321	− 2	...	...
...	5·778	+ 6·368	− 5	*m*	...
...	5·812	+46·652	− 2	...	...
*	6·094	+23·644	1·10	42. 888	9·8
381					
...	+ 6·315	+52·954	− 5	*m*	...
...	6·367	+30·784	− 1	...	...
*	6·369	−55·041	1·10	43. 805	9·9
...	6·492	+18·549	− 3	*m*	...
*	6·595	−50·377	1·00	43. 806	10·2
...	+ 6·997	+28·082	− 4	*m*	...
...	7·670	−38·815	− 5	...	...
...	8·183	−38·703	− 3	...	...
*	8·270	−53·025	1·35	43. 807	9·0
...	8·354	− 5·911	− 5	*m*	..

391–450

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
391					
..	+ 8·569	−59·876	− 5	..	...
..	8·735	+10·546	− 4	*m*	
..	8·825	+16·171	− 2	..	...
..	9·143	+45·016	− 2	...	
...	9·224	+24·259	− 4	*m*	
...	+ 9·247	+39·399	− 5	*m*	...
..	9·720	−44·729	1·30	43. 808	9·5
...	9·869	+56·284	− 5	*m*	...
*	9·992	+58·658	1·20	42. 889	9·7
...	10·028	+44·624	− 5	*m*	...
401					
...	+10·092	−34·782	− 5	...	...
.	10·406	+22·956	− 4	*m*	...
*	10·791	−32·872	2·10	43. 809	8·4
..	11·042	+16·359	− 3	*m*	.
...	11·114	+51·506	− 4	...	...
...	+11·150	+50·929	0·90	...	
*	11·800	−48·890	1·00	43. 810	10·2
..	11·873	+28·208	− 4	*m*	...
...	12·202	−21·137	− 5	*m*	.
...	12·314	+27·695	− 5	*m*	.
411					
...	+12·533	+52·559	− 4	...	...
...	12·544	+11·759	− 5	*m*	...
*	12·794	−50·850	1·00	43. 811	10·2
...	13·137	−40·922	− 3	...	...
..	13·149	+37·677	− 4	*m*	...
.	+13·157	−24·955	− 1	...	.
...	13·212	+52·043	− 5	*m*	...
...	13·235	−24·442	− 2	...	...
.	13·656	− 9·732	0·80	43. 812	10·2
...	13·681	+10·684	0·65	...	...
421					
..	+13·939	+12·601	− 4	*m*	...
S *	14·070	+33·449	1·90	42. 890	8·4
..	14·270	−59·229	− 5	...	..
..	14·455	−22·965	− 5	*m*	..
†	14·877	+ 9·432	− 5	*m*	..
...	+15·233	−41·311	− 5	...	...
...	15·429	+ 9·713	− 4	*m*	.
S *	15·557	+ 9·365	2·40	42. 891	7·6
...	15·593	+24·294	− 2	*a*	...
...	15·643	+18·803	− 2	...	...
431					
...	+16·414	−42·867	− 5	...	...
...	16·619	− 9·438	− 1	43. 813	10·2
...	16·750	−23·895	− 5	*m*	...
*	16·759	+16·915	1·80	42. 892	8·4
...	17·030	− 7·966	0·80	43. 814	10·2
...	+17·337	−48·750	− 5	...	...
...	17·406	− 4·933	− 3	...	...
...	17·546	−14·047	− 5	*m*	...
...	17·547	+21·331	− 5	*m*	...
...	17·666	− 0·629	− 5	*m*	...
441					
...	+17·821	−14·569	− 2	...	.
*	17·911	−28·212	1·00	43. 815	10·2
...	18·041	−13·489	− 3	...	...
...	18·072	+ 4·790	− 4	*m*	...
..	18·146	+36·507	− 4	*m*	...
..	+18·163	+45·796	− 1	...	...
...	18·423	− 2·137	− 2	...	...
...	18·514	+ 2·334	− 5	*m*	...
...	18·759	−27·809	− 5	...	...
...	18·945	−11·842	− 2	...	...

451–510

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
451					
*	+18·984	+17·250	2·40	42. 894	7·9
*	19·174	+58·637	1·20	42. 893	10·0
...	19·179	−55·225	− 1	43. 816	10·2
...	19·208	+26·671	− 3	m	...
...	19·241	−57·156	0·65	43. 817	10·2
...	+19·290	− 4·766	− 4	m	...
S *	19·496	+ 1·885	1·28	42. 895	9·2
†	19·868	+ 2·037	− 4	m	...
S ‡	19·895	−51·371	2·20	43. 818	7·8
*	20·532	−51·637	1·00	43. 821	10·2
461					
...	+20·543	+10·894	0·65	...	...
..	20·629	−18·487	0·80	43. 820	10·2
.	20·662	−24·246	1·00	43. 819	10·2
*	20·976	+46·790	1·05	42. 896	10·0
...	21·345	−43·486	0·90	43. 822	10·2
*	+21·433	+26·385	1·00	42. 897	10·0
..	21·451	−48·597	− 4	...	...
..	21·659	−55·407	− 5	...	..
...	21·869	+26·291	− 3	...	...
...	21·902	−16·509	0·90	...	...
471					
..	+22·077	+23·977	0·65	...	...
...	22·196	−16·014	0·70	...	...
...	22·541	−38·602	− 4	...	.
...	23·894	+ 5·957	− 3	m	..
...	24·001	−41·609	− 5	...	...
.	+24·137	+22·994	− 3	...	.
...	24·422	+18·627	− 2	...	...
...	24·466	+24·407	− 4	m	...
..	24·481	−25·256	− 4	m	...
*	24·815	−45·774	1·20	43. 823	9·6
481					
...	+24·852	+32·842	− 3	m	...
..	25·037	+15·413	− 4	m	...
...	25·390	−59·132	− 3	...	..
...	25·825	+43·465	0·80	...	...
..	25·965	+28·152	− 4	m	...
...	+26·068	−55·501	− 4	...	...
...	26·113	−27·246	− 4	...	...
...	26·146	+16·061	− 5	m	...
...	26·314	+29·438	− 5	m	...
...	26·434	−30·825	0·75	...	...
491					
*	+26·731	+34·127	1·10	42. 898	9·6
...	26·889	−49·029	− 5	...	...
...	26·949	−17·339	− 5	...	...
...	27·040	−28·136	− 5	m	...
...	27·103	−11·083	− 3	...	...
...	+27·127	−39·565	− 4	...	..
...	27·582	+28·086	− 5	m	..
...	27·632	−24·366	− 5	...	...
*	27·733	−38·239	1·10	43. 824	9·5
*	27·780	+11·902	1·40	42. 899	8·8
501					
...	+28·083	−35·692	− 5	...	...
*	28·228	−36·439	1·30	43. 825	8·8
...	28·761	+10·794	− 5	m	...
n	28·830	−22·041	− 1	43. 826	10·2
*	29·048	+25·241	1·00	42. 900	9·8
...	+29·072	− 8·308	− 5	...	...
n	29·113	−22·027	0·75	43. 826	10·2
*	29·149	−26·614	1·30	43. 827	9·5
...	29·164	−21·229	− 5	...	...
...	29·495	− 5·906	− 4	...	...

511–570

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
511					
...	+29·566	−51·252	− 2	...	...
*	29·579	−47·094	1·10	43. 828	9·8
†	29·765	+26·737	− 3	...	...
...	30·021	− 3·952	− 5	m	...
*	30·028	−15·886	1·00	43. 829	9·9
*	+30·251	−37·757	1·30	43. 830	9·0
.	30·642	+13·410	− 3	...	...
...	30·651	−18·619	− 4	m	...
.	30·808	− 8·358	− 5	...	...
*	30·819	−57·800	1·20	43. 832	9·8
521					
..	+30·865	−33·325	− 4	...	...
...	30·925	−19·726	− 3	...	...
...	30·976	+ 1·664	− 4	m	..
...	31·119	−12·962	− 5	m	..
*	31·231	−29·621	1·10	43. 831	10·0
N	+31·403	− 0·504	− 2	...	...
N	31·421	− 0·554	− 2	...	...
.	31·611	−54·197	− 4	..	...
...	31·661	− 3·785	− 4	...	...
...	31·794	+17·273	− 3	m	...
531					
...	+31·813	−22·702	− 3	...	...
...	31·891	−19·798	− 3	...	...
..	31·918	− 2·665	− 1	...	...
..	32·382	+21·313	− 4	m	...
	32·410	−18·711	− 3	...	...
...	+32·806	−51·145	0·90	43. 833	10·0
...	32·934	+56·120	− 3	...	...
.	33·053	−36·381	1·20	43. 834	9·8
...	33·320	−47·265	− 4	..	...
...	34·154	−17·697	− 5	...	...
541					
..	+34·197	−26·125	− 5	...	...
...	34·261	−48·375	− 5	...	...
...	34·270	−54·485	− 3	...	...
...	34·530	−26·613	− 5	...	...
..	34·573	−27·968	0·80	...	...
*	+34·661	− 6·717	1·20	43. 835	9·8
†	34·704	+48·497	− 4	...	...
...	34·957	−30·976	− 5	...	...
...	34·961	+ 0·342	− 5	m	..
...	35·360	+31·656	− 4	m	..
551					
.	+36·004	+17·100	− 3	m	.
.	36·338	+ 8·458	− 5	m	...
...	36·355	+18·783	− 4	m	.
...	36·503	−20·513	− 2	...	...
...	36·760	−35·941	− 4	...	...
S *	+36·825	−10·281	1·40	43. 836	8·6
.	36·963	−38·342	− 5	m	...
...	37·030	+33·725	− 3	...	...
...	37·346	−35·035	− 5	...	...
...	37·375	+35·378	− 5	m	...
561					
*	+37·401	+19·221	1·20	42. 902	9·6
...	37·526	+12·760	− 2	...	...
...	37·664	+ 2·199	− 1	...	...
...	37·666	+57·307	0·80	42. 901	10·0
...	37·791	+ 7·256	− 5	m	...
†	+37·799	+14·927	− 4	m	...
.	38·001	+10·259	− 4	m	..
.	38·259	−19·263	0·70	...	...
...	38·451	+19·182	− 5	m	...
...	38·468	+32·457	− 3	m	...

571–630

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
571					
..	+38·572	+20·848	− 5	m	...
*	38·587	+34·333	1·20	42. 903	10·0
...	38·640	−42·496	− 1	...	...
...	38·732	−42·711	− 5	...	...
...	38·933	−33·966	0·80		...
...	+39·142	−36·159	− 5	...	...
...	39·152	+23·957	− 4	m	...
...	39·358	−32·096	− 5	m	...
...	39·396	+ 2·867	− 5	m	...
...	39·644	+ 0·870	− 5	m	...
581					
...	+39·919	−37·987	− 3	...	...
...	39·933	+35·027	0·65	..	...
...	39·982	+45·392	− 1	...	..
...	40·124	−37·901	− 2	...	...
...	40·371	+21·437	− 2	...	...
...	+40·576	+ 1·597	− 4	m	...
...	40·870	−45·223	− 4	...	...
...	40·902	+33·916	− 5	m	...
*	41·066	+11·123	1·30	42. 904	9·2
...	41·211	+34·096	− 5	m	...
591					
...	+41·503	−28·960	− 3	...	...
...	41·504	−27·697	− 4	...	...
.	41·712	−45·014	− 5	...	...
..	41·730	+39·067	0·65	...	...
...	41·738	+19·474	− 4	m	...
..	+41·804	−48·418	0·65	43. 837	10·2
...	41·903	+ 1·390	0·70	...	...
..	41·990	−42·423	− 5	...	...
...	42·286	−26·661	− 4		...
...	42·347	−32·474	− 2	..	...
601					
...	+42·481	− 4·586	− 4	m	...
S *	42·531	+46·411	1·33	42. 905	8·9
...	42·686	+ 8·544	− 4	m	...
...	42·856	−12·374	− 5	..	...
...	42·873	−20·749	− 4	...	..
...	+43·059	−46·067	− 5	...	...
...	43·979	+ 3·720	− 5	m	...
...	44·075	+24·345	− 4	m	...
...	44·085	+11·819	− 4	...	...
...	44·112	−41·442	− 5	...	...
611					
...	+44·226	− 7·330	− 1	...	..
...	44·587	−16·973	− 4	a	...
...	44·645	−31·297	− 2	...	...
...	45·096	+ 8·884	− 4	m	...
*	45·452	+20·836	1·25	42. 906	9·0
...	+45·672	+20·930	− 2	...	...
...	45·856	−54·627	− 4	...	...
*	45·978	−30·099	1·30	43. 838	9·6
†	46·310	−34·986	− 4	...	...
†	46·390	−24·957	1·00	43. 839	10·2
621					
...	+46·687	+ 7·182	− 1	...	...
...	46·718	−35·158	− 4	..	...
*	46·753	+36·895	1·00	...	...
S *	47·166	−49·688	1·28	43. 840	9·4
...	47·220	−21·654	− 3	...	...
...	+47·241	+25·083	− 3	m	...
...	47·286	+34·357	− 5	m	...
...	47·562	−37·248	− 4	...	...
...	47·711	+40·043	− 3	...	...
...	48·033	+16·099	− 4	m	...

504, 507. C.P.D., probably mass.
526, 527. 44′·39, mass.

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
631-660					
631					
...	+48·036	− 7·778	− 5	*m*	
..	48·095	+21·208	− 2	...	...
.	48·206	− 6·247	− 5	...	...
...	48·247	− 0·585	− 1	..	
*	48·262	+13·588	1·00	...	...
..	+48·304	+43·686	− 5	*m*	
.	48·317	−16·367	− 4	...	...
..	48·328	−13·431	− 3	...	...
...	48·529	−11·117	− 4	...	
...	48·844	−20·366	− 5	...	.
641					
	+48·995	− 9·699	− 2	.	
.	49·209	−45·4 8	− 3	...	
	49·336	+36·552	− 5	*m*	.
*	49·839	− 8·163	1·10	43. 841	9·8
.	50·220	+32·189	− 5	*m*	...
*	+50·402	+10·981	1·30	42. 907	9·3
	50·783	−52·541	− 5		...
	51·466	+46·940	− 4		...
	52·077	−45·416	− 5		...
...	52·133	− 8·304	− 4		..
651					
..	−52·519	+25·333	− 2		...
..	52·719	−13·948	− 4		.
..	52·787	−43·353	− 5		...
..	53·248	+48·865	− 5		
..	53·379	+29·437	− 3	...	...
...	+53·407	−19·442	− 2	..	...
...	53·646	−33·294	− 5	...	...
*	53·848	−59·128	1·30	43. 842	9·6
...	54·077	−38·989	− 5	...	...
..	54·205	−39·568	− 3	...	...

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
661-690					
661					
..	+54·224	−56·920	− 5	...	
...	54·244	+22·182	− 3	...	
	54·402	−36·077	− 5		...
	54·447	−39·519	− 5	*m*	
	54·839	−35·909	− 5		...
	+55·434	−46·540	− 5	...	.
	55·477	+53·782	− 5	*e*	
...	55·493	+27·169	− 4	...	...
...	55·675	−52·755	− 2	43. 843	10·2
S *	55·901	+ 0·411	1·33	42. 908	8·9
671					
	+55·905	−51·706	− 3	43. 845	10·2
	56·293	−54·879	− 4	...	...
	56·413	−28·061	− 5	...	..
	56·598	−36·287	− 5	...	...
*	56·666	−56·157	2·00	43. 846	8·8
...	+56·671	+46·365	− 5	*e*	...
	56·708	+33·143	− 4	*e*	...
S *	56·728	+43·185	1·38	42. 909	9·0
*	56·760	− 2·056	1·10	43. 844	10·0
...	57·131	+25·176	− 5	*e*	
681					
..	+57·131	+ 0·629	− 5	*e*	...
	57·273	+45·488	− 5	*m*	
	57·433	+ 7·571	− 4	*e*	
	57·465	+45·297	− 3	...	
	58·313	+31·066	− 5	.	...
...	+58·400	+42·477	− 5	*m*	
...	58·491	−13·173	− 5	*m*	
	58·621	+59·009	− 5	*e*	...
..	58·624	+14·089	− 5	*e*	
.	58·647	+10·883	− 5	*e*	.

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
691-693					
691					
...	+59·055	−35·459	− 5	.	...
...	59·299	− 3·288	− 5	...	...
..	59·536	− 5·193	0·85	43. 847	10·2

1-20					
1					
...	−59·657	+46·830	− 4	...	...
*	59·653	+10·863	1·30	42. 907	9·3
*	59·643	− 8·286	1·20	43. 841	9·8
...	59·064	−48·559	0·70	...	...
...	57·974	+25·272	0·75		..
...	−57·932	+48·805	− 4	...	...
...	57·351	− 8·373	− 3	...	...
...	57·227	+29·391	0·90	.	...
...	56·605	−14·000	− 4	.	...
...	56·153	+22·175	0·70		.
11					
...	−55·881	+53·775	− 4	E	.
...	55·691	−19·476	0·80	...	...
...	55·684	+10·406	− 4	M	.
†	55·048	+27·200	− 2	E	..
...	54·439	+46·415	− 4	E	...
...	−54·356	−39·574	− 3	...	...
S *	54·287	+43·226	1·55	42. 909	9·0
*	54·109	−59·129	1·20	43. 842	9·6
...	54·023	+33·197	0·65	E	...
S *	53·839	+ 0·448	1·48	42. 908	8·9

21-40					
21					
	−53·839	−35·893	− 3	...	...
...	53·614	+45·374	− 1	...	...
...	53·347	+25·253	− 4	E	...
*	52·906	− 1·986	1·15	43. 844	10·0
...	52·872	+59·115	− 4	E	...
..	−52·634	+ 0·713	− 4	E	...
...	52·528	+ 7·658	− 2	E	...
.	52·479	−27·997	− 4	...	...
...	52·461	−52·708	0·65	43. 843	10·2
.	52·330	+31·172	− 2	E	...
31					
...	−52·285	−51·653	− 2	43. 845	10·2
...	52·129	+59·676	− 4	M	...
.	52·066	−36·215	− 4	...	..
...	51·808	−54·611	− 3	...	...
...	51·513	+14·213	− 4	E	..
. .	−51·412	+11·021	− 2	E	...
*	51·381	−56·080	1·60	43. 846	8·8
...	50·822	+56·133	− 4	M	...
..	50·500	+43·725	0·90	...	..
...	50·340	− 3·143	− 3	...	. .

41-60					
41					
...	−50·202	+ 8·367	− 4	M	...
†	50·034	− 5·046	0·85	43. 847	10·2
†	50·002	+58·648	− 3	...	...
...	49·968	+ 8·094	− 4	M	...
...	49·865	+ 6·629	− 1	A	.
.	−49·630	−35·317	− 4	...	...
...	49·583	+ 3·826	− 3	M	...
...	49·481	− 5·754	− 1	...	...
*	49·323	+46·287	1·40	42. 910	9·4
*	48·688	+ 3·265	1·00	...	.
51					
...	−48·527	−23·782	− 1	...	.
..	48·388	+28·887	− 4	M	..
...	47·917	−41·799	0·70	...	
..	46·939	+29·123	− 4	M	...
...	46·926	−24·997	− 4	...	..
.	−46·797	+22·824	− 4	M	...
...	46·746	+32·564	0·80	...	..
...	46·163	+19·907	− 3	M	...
...	46·017	− 2·434	0·75	43. 848	10·2
...	46·009	−32·166	− 2	...	...

CH measured from 1, 80, 121, 175, 233, 289, 395, 508.
B ,, ,, 42, 98, 140, 217, 272, 340, 459, 569.

Notes.	Co-ordinates. x.	y.	Diam. 0·70.	C.P.D. No.	Mag.
61–120					
61					
...	−45·619	−39·473	− 1	...	...
...	44·713	+48·080	0·90	42. 912	10·0
.	44·695	+ 1·875	1·20	42. 911	9·4
.	44·680	−53·893	− 3	...	...
*	44·532	− 8·073	1·00	43. 850	10·0
	−44·370	+27·679	0·85		...
	44·015	−12·276	0·70	...	..
...	43·703	−20·053	− 1		...
...	43·333	+38·397	0·70		..
...	42·729	−38·211	− 4		...
71					
...	−42·312	+14·466	− 1	...	...
*	42·300	+ 7·631	1·20	42. 913	9·3
*	41·908	−50·770	1·15	43. 852	10·0
..	41·557	−34·309	− 1	...	...
S *	41·514	−43·026	2·00	43. 853	8·4
...	−41·113	−19·190	− 4	...	...
*	40·974	+35·786	1·00	42. 914	9·6
...	40·777	+ 9·099	− 4	M	...
S ½	40·155	+10·938	2·95	42. 915	7·4
*	39·885	−17·426	1·05	43. 854	9·8
81					
...	−39·767	−47·722	− 2	...	...
...	39·620	+ 3·685	0·75	...	...
*	39·343	+17·475	1·50	42. 916	8·9
..	38·479	+17·602	0·70	...	...
...	38·373	+33·702	0·85	...	...
...	−38·253	+29·500	− 2	B	..
..	38·095	−24·103	− 3	...	...
.	37·998	−18·786	1·00	43. 855	10·2
...	37·926	−51·799	− 4	...	...
*	37·921	− 2·122	1·00	43. 856	10·2
91					
..	−37·910	+15·206	− 1	A	...
..	37·499	−48·299	− 4	...	...
..	37·223	+ 8·712	0·70	...	..
*	36·207	−43·145	1·10	43. 857	9·9
*	36·078	−33·610	1·10	43. 858	10·2
S *	−35·990	−21·283	1·83	43. 859	8·6
...	35·306	+53·277	− 3	M	...
...	33·859	+26·567	− 4	M	...
*	33·293	+58·653	1·10	42. 917	10·0
...	33·214	+56·677	− 4	M	...
101					
...	−33·202	+46·441	− 4	M	...
*	33·157	+ 5·529	1·00	42. 919	10·0
*	33·150	+32·107	1·20	42. 918	9·3
*	33·072	−31·319	1·15	43. 860	9·9
...	32·995	−31·559	− 4	...	..
..	−32·916	−51·612	− 3	...	...
.	32·911	+46·282	− 4	M	...
.	32·874	+ 2·255	0·75	...	..
...	32·846	+49·527	0·80	...	...
...	32·517	+11·438	− 4	M	...
111					
	−32·286	+22·271	− 4	M	..
	32·002	+36·830	− 3	M	...
	31·979	−32·042	− 3	...	...
...	31·750	− 5·323	− 1	...	...
	31·588	− 4·582	0·65	...	...
*	−31·432	−37·862	1·00	43. 862	10·0
*	31·293	−10·823	1·00	43. 863	9·9
..	31·098	+22·125	− 3	M	..
.	31·027	+22·884	0·70	...	...
...	30·803	−48·082	− 3	...	..

Notes.	Co-ordinates. x.	y.	Diam. 0·70.	C.P.D. No.	Mag.
121–180					
121					
*	−29·876	+ 3·791	1·10	42. 920	10·0
. .	29·629	−43·901	0·65	...	...
...	28·625	+43·478	− 3	M	...
..	28·581	+ 2·680	− 1	M	...
...	28·546	−27·751	− 2	...	...
...	−27·834	−45·166	− 4	...	...
...	27·803	+24·444	− 3	M	...
*	27·385	+25·580	1·00	42. 921	10·0
...	27·336	−39·643	− 3	.	...
...	27·076	−33·059	− 2	.	...
131					
..	−27·023	−30·840	0·65	.	...
...	26·605	+33·323	− 1	.	...
...	26·139	+16·900	0·80	...	...
*	26·104	+29·032	1·00	42. 922	10·0
...	25·974	+14·654	− 4	M	...
...	−25·923	+26·868	− 4	M	...
...	25·878	+57·090	0·85	...	...
...	25·488	+ 3·439	0·70	...	...
½	25·387	+34·915	1·10	42. 923	9·8
...	25·046	+ 6·187	0·75	...	...
141					
...	−24·979	−41·552	− 2	...	...
...	24·947	+ 3·511	0·90	...	...
...	24·239	+48·296	− 4	M	...
...	24·183	−43·452	0·70	...	...
...	24·073	+50·589	− 2	...	...
...	−23·854	−44·176	− 4	...	...
.	23·717	+49·518	− 4	M	...
...	23·538	+28·492	− 1	...	...
...	23·513	+44·781	− 2	...	...
...	23·303	−56·922	− 4	...	...
151					
½	−23·093	+14·186	1·00	42. 924	10·0
.	23·092	+26·299	− 2	...	...
½	22·861	+23·492	1·00	.	...
...	22·621	−55·201	− 1		...
..	22·326	−55·793	− 2		
...	−22·303	+53·170	0·80	...	...
...	22·115	−35·964	0·80	43. 864	10·2
...	21·972	+50·422	− 1	...	...
...	21·779	−50·161	− 4	...	...
...	21·691	+48·409	0·70	...	...
161					
*	−21·647	−31·821	1·00	43. 865	10·2
*	21·588	+22·952	1·10	42. 925	10·0
...	21·340	+41·974	− 2	...	...
~	21·294	+ 8·904	1·00	...	...
*	21·149	+19·725	1·20	42. 926	9·3
*	−21·070	−10·396	1·00	43. 866	10·2
...	20·902	+53·812	− 3	M	...
*	20·879	+ 9·592	1·40	42. 927	9·0
...	20·377	−29·179	0·85	...	...
...	19·917	+15·334	− 4	M	...
171					
...	−19·661	+47·594	− 3	M	...
...	19·535	−42·759	0·65	...	...
*	19·487	−56·402	1·20	43. 868	9·9
*	19·465	−58·422	1·20	43. 867	9·9
...	19·385	−20·755	− 3	...	...
...	−19·294	+47·136	− 2	M	...
...	18·772	+45·871	0·65	...	...
*	18·208	+58·682	1·05	42. 928	10·0
S *	18·060	+24·332	1·70	42. 929	8·6
...	17·653	−34·602	− 4	...	...

Notes.	Co-ordinates. x.	y.	Diam. 0·70.	C.P.D. No.	Mag.
181–240					
181					
*	−17·240	+28·119	1·05	...	...
..	16·210	+17·567	− 2	M	...
...	16·189	−11·300	0·80	...	...
*	15·339	−28·788	1·30	43. 869	9·8
*	15·294	+39·655	1·00	...	...
*	−15·122	+32·740	− 3	M	...
...	15·020	+11·526	− 3	M	...
...	14·936	− 3·796	0·65	...	...
...	14·709	+ 4·638	0·65	A	...
...	14·451	−16·102	− 3	...	...
191					
...	−14·381	+52·072	− 1	...	...
...	14·291	+27·201	− 4	M	...
..	13·920	−50·316	− 3	...	...
...	13·809	−46·023	− 2	...	...
*	13·766	−48·774	1·05	43. 870	10·2
...	−13·562	−31·164	− 4	...	...
*	13·505	−43·715	1·10	43. 872	10·2
...	13·447	− 3·174	− 4	B	...
*	13·415	−41·554	1·25	43. 873	9·8
...	12·693	−24·037	− 4	...	...
201					
...	−12·674	−36·479	− 4	...	..
...	12·651	+ 7·094	0·80	...	...
...	12·330	+ 1·626	− 4	M	...
*	12·134	+51·642	1·20	42. 930	9·6
...	12·098	+49·028	0·70	...	...
...	−11·865	+46·952	− 4	M	..
...	11·795	+ 3·463	− 3	M	...
...	11·325	−39·507	− 4	...	...
...	11·276	+23·152	− 1	A	...
..	11·149	−16·254	− 4	...	...
211					
*	−11·020	−11·548	1·15	43. 874	10·2
...	10·935	+13·853	0·70	A	...
...	10·616	+ 9·490	− 4	M	...
...	10·467	−50·298	0·70	...	...
...	10·269	+54·688	− 4	...	...
½	−10·196	+28·998	1·00	...	...
...	9·383	+13·493	0·90	...	...
...	9·025	+16·223	− 4	M	...
...	8·430	−11·238	− 4	M	...
*	8·221	−49·184	1·00	43. 875	10·0
221					
...	− 8·213	+41·710	− 3	...	...
...	7·983	− 9·822	0·90	43. 877	10·2
...	7·974	−29·331	0·90	43. 876	10·2
...	7·763	−17·220	− 4	M	...
...	7·759	− 9·317	0·80	43. 878	10·2
...	− 7·389	−27·257	0·90	43. 879	10·2
...	6·997	+45·163	− 4	M	...
...	6·545	+44·247	− 1	...	...
...	5·846	− 5·795	0·65	...	...
...	5·669	−26·113	0·80	43. 880	10·2
231					
...	− 5·536	+38·225	0·80	...	...
...	5·004	−55·196	− 4	...	...
...	4·680	+53·095	− 3	...	..
...	3·916	+25·988	− 3	M	...
...	3·854	−27·356	0·75	...	...
...	− 3·645	+12·292	− 4	M *m*	...
*	3·544	−53·273	1·00	...	...
...	3·533	+49·120	− 2	...	...
...	3·469	− 8·243	0·90	43. 881	10·2
...	3·399	+17·435	0·70	M	...

241–300

Notes.	Co-ordinates. x.	y.	Diam. 0·70.	C.P.D. No.	Mag.
241					
...	− 3·227	−35·328	− 4	..	...
...	3·061	−50·717	0·80	...	...
...	2·977	−48·033	− 3	...	
...	2·906	−57·621	− 4	..	...
*	2·446	−58·136	1·45	43. 882	9·4
...	− 2·297	−48·710	− 4	...	...
*	2·207	−16·113	1·20	42. 931	10·0
*	2·169	−19·142	1·15	43. 884	10·0
...	2·159	−50·013	− 4	...	...
...	2·078	−46·702	− 1	...	...
251					
*	− 1·985	− 1·826	1·00	43. 883	10·2
...	1·879	+ 8·076	0·65	M	...
...	1·219	−12·711	− 3	M	.
	1·145	+42·234	1·00		...
...	1·101	−45·113	− 4	...	...
...	− 0·813	+41·368	− 1	...	...
...	0·811	−17·191	− 4	M m	.
...	0·723	+ 2·836	− 4	M m	.
...	0·611	−26·471	− 2	...	...
...	0·606	−45·472	0·70	...	..
261					
†	− 0·319	−48·352	− 2		...
..	+ 0·074	−51·406	− 1	...	
	0·358	+33·783	0·70	.	...
S *	0·429	+55·816	1·48	42. 932	9·3
...	0·455	−56·726	− 4	...	...
†	+ 0·519	−34·880	0·70	...	..
...	0·557	−36·110	− 4	...	...
...	0·664	−13·553	0·80	43. 885	10·2
*	0·868	+48·105	1·00	42. 933	10·0
...	1·038	−12·875	0·70	43. 886	10·2
271					
...	+ 1·092	−50·978	0·65	...	...
...	1·669	+10·603	0·80	...	...
...	1·929	+34·659	− 4	M	..
...	1·936	+50·668	− 3	M	...
...	2·591	+13·197	0·70	M	...
...	+ 2·603	−39·180	− 3	...	...
F m	2·629	+ 0·453	0·85	42. 934	10·2
...	2·796	−17·898	0·90	...	...
...	2·954	+39·008	− 2	M	...
*	3·223	−47·348	1·40	43. 887	9·4
281					
*	+ 3·634	−46·052	1·00	43. 888	10·2
...	3·976	−39·516	− 3	..	...
...	4·334	+38·493	0·70	...	...
...	4·442	+57·789	− 3	...	...
...	4·578	+36·317	0·75	.	...
...	+ 5·141	−38·912	0·70	.	...
...	5·205	−10·072	− 2	...	...
...	5·335	−29·233	− 3	..	...
*	5·336	+28·832	1·30	42. 935	9·4
...	5·419	+25·104	− 4	...	...
291					
...	+ 5·523	+33·305	− 3	...	...
*	5·539	−49·260	1·40	43. 889	9·4
...	5·562	+15·384	0·85	...	...
*	5·587	+16·658	1·15	42. 936	9·8
...	5·669	−52·940	− 4	M	..
...	+ 5·926	+ 1·500	− 4	m	..
...	6·001	−37·592	0·70	...	...
...	6·182	+55·349	− 4	m	...
...	6·281	+47·474	− 4	...	...
...	6·494	− 1·197	− 3	...	...

301–360

Notes.	Co-ordinates. x.	y.	Diam. 0·70.	C.P.D. No.	Mag.
301					
	+ 6·611	+34·369	− 3	.	
...	6·667	− 9·571	− 2	...	
	6·729	−19·677	− 2		...
	6·938	+31·248	− 4		
	7·002	+47·320	0·85		...
	+ 7·047	+47·280	− 4	...	
*	7·251	−26·655	1·10		...
...	7·361	−26·343	− 2		...
...	7·792	+47·275	− 4	...	
...	7·995	− 6·622	− 4	...	
311					
..	+ 8·438	+25·409	− 2	...	..
...	8·498	+24·856	− 4	m	
	8·643	+24·562	− 4		
...	9·032	+24·515	− 4	..	
†	9·441	+44·909	− 3		...
...	+ 9·503	+10·663	0·75	.	.
*	9·557	−21·984	1·10	43. 890	10·2
S *	9·631	+46·361	2·35	42. 937	8·0
...	10·123	−44·315	− 1	...	...
*	10·391	+ 2·162	1·30	42. 938	9·3
321					
..	+10·714	+21·253	− 4	...	...
*	10·728	+47·760	1·30	42. 939	9·0
.	10·742	−25·166	0·90	43. 891	10·2
	11·354	−40·703	− 4	...	...
*	11·613	−49·690	1·00	43. 892	10·2
..	+11·650	+37·939	0·80	...	...
S *	11·686	+23·497	2·65	42. 940	8·0
	12·045	− 9·661	0·70	...	...
.	12·116	−38·139	− 3	...	...
.	12·169	−30·827	1·05	43. 893	10·2
331					
...	+12·285	− 6·831	− 4	...	...
†	12·457	−19·955	− 4	...	...
...	12·467	−44·742	− 4	m	..
...	12·521	−50·460	0·80	...	...
...	12·823	− 4·781	0·80	.	..
†	+12·959	−29·838	− 4	.	...
...	13·539	+41·786	0·80	..	...
*	13·736	+48·030	1·00	...	..
.	13·787	−40·064	− 2		..
...	13·817	−25·368	− 1		...
341					
...	+13·848	−55·931	− 3	..	...
...	14·293	−13·360	0·75	...	...
...	14·442	−45·642	− 3	...	...
*	14·584	+ 7·123	1·15	42. 941	9·8
	14·673	−27·449	1·20	43. 894	10·0
†	+14·795	− 4·025	− 4	m	...
.	14·857	− 2·617	− 1	...	...
...	14·944	+11·528	0·80	...	...
...	14·958	+28·361	− 4	..	...
...	15·269	+ 4·199	− 4	..	..
351					
...	+15·275	+27·115	− 4	..	...
...	15·620	−25·743	0·70	...	...
...	15·623	−58·435	− 4	...	...
...	15·761	−47·519	0·75	.	...
*	15·927	+26·605	1·40	42. 942	9·0
...	+15·964	+47·642	0·70	...	...
...	16·443	−10·175	0·80	43. 895	10·2
S *	16·547	−51·129	1·60	43. 896	8·8
...	16·776	+23·150	− 4	...	...
...	16·916	+10·603	0·90	...	...

361–420

Notes.	Co-ordinates. x.	y.	Diam. 0·70.	C.P.D. No.	Mag.
361					
	+16·988	+15·979	0·80	..	...
.	17·032	+54·419	− 4	...	...
...	17·891	+48·524	− 4	m	...
	17·918	+35·826	1·20	42. 943	9·3
	18·095	+26·207	− 2	...	...
	+18·227	+31·872	0·65	...	...
	18·455	−35·547	0·70	43. 897	10·2
	18·493	− 8·242	− 3	..	...
..	18·541	− 2·579	− 1	..	...
...	18·592	−16·589	− 3		..
371					
*	+19·300	+25·431	1·30	42. 944	9·0
...	19·357	−57·372	− 4	...	..
	19·560	+31·515	1·30	42. 945	9·2
.	19·599	+45·894	0·75	...	...
†	19·760	−46·379	− 1	...	
	+19·858	−19·757	− 2	...	...
	20·036	− 5·751	− 4	m	
.	20·060	−26·571	− 4	...	
.	20·179	+53·639	− 3	..	...
...	20·324	+20·655	− 4	...	...
381					
S *	+20·473	+47·348	2·05	42. 946	8·3
.	20·492	−53·647	0·90	43. 898	10·2
*	20·653	+23·338	1·20	42. 947	9·2
..	20·918	+59·528	0·90	41.1007	10·0
*	21·220	−19·348	1·30	43. 899	9·5
*	+21·370	−30·256	1·00	43. 900	10·0
	21·854	+48·090	0·70	...	...
*	23·063	+37·811	2·40	42. 948	8·1
...	23·367	−41·112	0·90	...	...
...	23·670	−49·584	0·75	...	...
391					
...	+23·816	−43·274	− 3		...
...	23·982	−15·964	− 4		.
...	24·315	−56·565	− 3	..	...
...	24·395	−19·231	− 1		.
†	24·698	−56·784	− 4	..	
†	+24·708	+11·718	− 4	...	...
...	24·862	−10·652	− 4	m	...
..	24·870	−26·143	− 4	..	..
..	25·092	−10·547	− 4	...	.
...	25·704	+13·213	0·90	..	.
401					
...	+25·708	− 2·544	− 2		.
...	25·769	−59·548	− 4	..	.
.	26·051	+15·261	− 4		.
...	26·684	− 6·934	− 4	m	.
...	26·978	+57·889	− 4		...
...	+27·011	−19·765	− 4	..	..
...	27·089	− 8·321	− 4	...	...
...	27·128	−43·961	0·80	...	.
*	27·349	− 8·379	1·00	...	...
...	28·137	−50·111	− 2	...	..
411					
*	+28·454	+38·424	1·50	42. 949	9·2
...	28·646	−19·107	− 3	...	...
†	28·730	−44·925	1·30	43. 901	9·8
...	28·876	−15·527	− 4	m	...
...	28·877	−14·782	− 2	...	...
*	+28·932	+48·032	1·10	...	..
...	29·190	− 6·684	− 4	m	..
...	29·190	−35·299	− 3	...	...
...	29·196	−38·672	− 4	...	...
*	29·797	+39·639	1·10	42. 950	10·1

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	0·70.	No.	Mag.
421-480					
421					
..	−30·178	+46·642	0·70	...	...
*	30·183	+43·851	1·00	...	...
*	30·480	−26·400	1·35	43. 902	9·5
*	30·54[illegible]	−34·993	1·05	43. 903	10·0
	30·681	+23·488	− 4	...	.
.	+30·861	−3[illegible]·203	− 4	...	...
...	30·868	−25·540	− 3	...	.
...	30·911	+32·133	− 4	*m*	...
...	30·916	+13·301	− 4		...
..	31·057	+36·762	− 4	..	...
431					
...	+31·058	+ 4·829	0·70	...	...
.	31·130	−38·139	− 2	...	...
*	31·427	−50·607	1·10	43. 904	10·2
...	31·484	+15·891	0·70	...	...
...	31·584	+18·833	0·80	...	...
...	+31·627	+20·308	− 4	..	...
..	31·637	+36·443	− 3	.	..
.	31·923	− 0·379	− 4	.	.
..	32·089	−24·571	− 4	..	...
*	32·154	+ 6·230	1·10	42. 951	10·1
441					
.	+32·199	−46·223	1·10	43. 905	9·9
*	32·668	−33·659	1·10	43. 906	10·2
...	32·803	−48·427	− 3	...	...
.	32·912	−20·486	0·70	...	...
*	33·033	−50·453	1·10	43. 908	10·0
*	+33·048	−21·909	1·30	43. 907	9·8
...	33·087	+15·181	− 4	...	...
.	33·295	−38·944	3·25	43. 909	7·4
.	33·337	− 6·587	− 1	...	...
	33·47[illegible]	−11·877	− 4	...	...
451					
...	+33·475	−46·083	− 3	...	...
...	33·714	−32·889	− 4	..	..
...	33·762	−36·892	− 3	...	.
.	33·911	−35·971	− 3	..	..
...	34·199	−49·332	− 4	.	...
..	+34·852	+16·362	− 1	...	...
	34·866	+29·928	2·00	42. 952	8·5
...	34·888	−20·031	− 4	...	...
	34·961	+ 3·854	− 4	*m*	...
.	35·280	+35·513	− 4	...	...
461					
*	+35·502	−45·757	1·00	43. 910	10·2
...	35·579	−26·617	− 2	...	...
*	35·983	+ 6·429	1·50	42. 953	9·4
	36·003	+ 1·910	0·70	...	...
	36·346	+11·135	− 1	...	.
	+36·377	−23·009	− 4	...	..
	36·527	+44·204	− 4	...	...
...	36·847	−42·718	− 4	...	...
	36·899	+12·228	− 4	*m*	..
..	37·208	−10·261	− 4	*m*	..
471					
...	+ 37·493	+27·777	− 4	*m*	...
*	37·687	+34·455	1·20	42. 954	9·4
..	37·862	−55·862	− 3	...	...
	37·992	+35·499	− 3	*m*	...
...	38·020	+49·318	− 3	...	...
	+38·357	− 6·121	− 3	...	.
..	38·481	+ 8·794	0·70	...	..
...	38·880	+32·977	− 4	*m*	
...	38·908	−22·333	− 4	...	.
...	39·272	+47·554	0·90	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	0·70.	No.	Mag.
481-540					
481					
...	+39·486	−40·812	− 3	...	...
...	39·507	+ 1·343	− 4	*m*	...
...	39·527	−23·837	− 4	...	...
...	40·383	+56·748	− 4	...	...
..	40·440	+34·149	− 4	*m*	.
..	+40·611	−18·994	− 4	...	...
...	40·721	−59·146	− 4	...	...
..	40·724	+43·473	0·70	...	...
*	41·010	−45·652	1·40	43. 911	9·6
...	41·100	+38·026	− 4	...	...
491					
...	+41·251	−40·538	− 4	...	...
...	41·355	+41·061	0·90	42. 955	10·3
...	41·649	+ 7·925	0·70	...	...
...	42·114	−27·835	0·90	43. 912	10·2
.	42·558	−27·461	0·70	...	..
...	+42·559	+ 3·880	0·70		..
..	42·700	−10·412	− 4	..	...
...	42·938	+ 9·170	− 4	...	...
...	43·013	−27·021	− 1	..	...
*	43·196	+58·421	1·20	42. 956	10·1
501					
..	+43·228	+12·739	− 4	*m*	...
...	43·343	+ 7·841	− 4	..	...
...	43·367	−47·020	− 4		...
...	43·444	+37·026	− 4	.	.
...	43·461	−31·862	− 3	.	..
...	+44·172	+17·497	− 4	...	...
...	44·407	−49·532	− 3	.	...
†	44·659	+47·750	− 4	.	...
...	45·245	−55·220	− 4	...	..
...	45·536	+52·850	− 3	*m*	...
511					
...	+45·813	+13·124	− 3	...	...
...	45·915	+ 6·445	− 3	...	...
..	45·953	− 6·451	0·85	43. 913	10·2
*	46·012	−27·074	1·50	43. 914	8·8
..	46·420	+10·354	− 2	...	. .
...	+46·618	+37·806	− 3	...	...
.	46·697	−29·442	− 3	..	...
...	46·765	−39·209	− 4	..	...
...	46·791	−14·508	− 3	..	...
...	46·941	−46·610	0·80	...	...
521					
S *	+46·987	+30·601	2·90	42. 957	8·1
*	47·292	+50·126	1·30	42. 958	9·6
...	47·542	+14·911	− 4	...	...
*	47·861	− 4·002	1·20	43. 915	10·2
..	47·972	−55·493	− 4	...	...
...	+47·974	−32·066	0·90	43. 916	10·2
..	48·488	−45·876	− 4	...	
...	48·682	+23·283	− 4	*m*	..
...	49·026	−34·510	− 4	...	..
...	49·042	− 4·596	0·65	..	...
531					
...	+49·044	+42·070	− 4	...	...
...	49·196	+38·801	− 2	...	...
..	49·370	+32·328	− 3	...	...
...	49·399	−34·267	− 4	..	..
*	50·087	+48·866	2·80	42. 959	8·2
.	+50·281	+36·058	− 4	...	.
...	50·792	+ 6·988	− 4	..	...
..	50·832	+29·469	0·80	.	...
...	50·951	+ 7·629	− 2	.	
...	50·991	+25·313	− 4	..	.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	0·70.	No.	Mag.
541-590					
541					
..	+51·028	−23·327	− 3	...	...
.	51·127	+36·355	− 3	...	...
*	51·267	−37·087	1·40	43. 917	9·5
...	51·715	−11·449	− 3	..	...
...	51·845	+22·237	− 3		...
.	+51·929	+ 6·634	− 2		...
...	51·952	+34·061	− 4	...	...
..	51·967	− 8·900	0·75	..	...
...	52·111	−24·803	0·75	..	...
...	52·330	+21·266	− 4	...	...
551					
†	+52·476	− 9·923	0·90	43. 918	10·2
*	52·624	+18·571	1·35	42. 960	9·6
...	52·710	+25·668	0·90	...	...
...	53·299	−56·550	− 4	...	...
*	53·380	+55·264	1·25	42. 961	10·2
S *	+53·384	−30·432	1·65	43. 919	8·8
*	53·467	−33·693	1·40	43. 920	9·4
...	53·478	+13·078	0·70	...	...
...	53·567	−41·708	− 4	..	...
...	53·689	−27·305	− 3	..	...
561					
...	+53·739	−29·967	− 1	...	...
...	53·842	+ 4·685	− 3	...	...
...	53·872	+12·243	− 4	*m*	...
...	54·078	+27·520	− 3	...	...
N *	54·139	+56·170	1·20	42. 962	9·6
...	+54·355	+11·877	− 4	*m*	...
*	54·370	−32·964	1·25	43. 921	10·0
...	54·505	−13·781	− 3	*e*	...
†	54·650	−53·227	− 1	...	...
...	54·844	+ 9·218	0·70	...	...
571					
...	+55·952	−55·787	0·90	43. 922	10·2
...	56·034	− 0·360	− 3	*e*	...
...	56·399	−17·887	− 1	...	...
...	56·669	− 9·284	0·85	...	...
...	56·919	+28·163	0·90	42. 963	10·3
...	+57·312	−50·983	0·80	...	...
..	57·326	−49·330	0·90	43. 924	10·2
...	57·484	+59·364	0·85	41.1029	10·3
...	57·598	−48·084	− 4	...	...
..	57·603	−21·832	− 3	...	...
581					
..	+57·808	−16·543	0·85	43. 923	10·2
*	58·246	−53·403	1·20	43. 925	10·0
...	58·351	+31·018	0·70	...	...
*	58·427	+48·776	1·50	42. 964	9·5
...	58·521	−16·548	− 4	...	...
...	+58·730	−42·021	− 4	...	...
...	58·930	−34·218	− 3	...	...
...	59·115	+55·088	− 2	...	...
*	59·137	+ 8·413	1·40	42. 965	9·4
...	59·363	+40·431	− 4	...	..

565. Image defective.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
1–60					
1					
..	−59·003	+ 7·504	− 4	..	
..	58·546	+22·136	− 4	..	...
...	58·025	+21·179	− 4		
...	57·999	+55·199	− 1	42. 961	10·2
	57·999	−23·435	− 4		
..	−57·993	+ 6·541	− 4		
..	57·774	+25·591	0·75	..	
...	57·671	−11·533	− 4	...	
*	57·645	+18·498	1·40	42. 960	9·6
.	57·500	− 8·985	− 2	...	...
11					
*	−57·347	−37·177	1·55	43. 917	9·5
*	57·268	+56·124	1·40	42. 962	9·6
*	56·955	−10·008	1·10	43. 918	10·2
...	56·874	−24·881	0·75		...
...	56·642	+13·019	0·65	...	
...	−56·465	+27·473	− 3		
...	56·014	+ 4·651	− 4	...	...
S *	55·420	−30·457	2·20	43. 919	8·8
*	55·250	−33·720	1·70	43. 920	9·4
...	55·163	+ 9·207	0·80	...	...
21					
...	−55·086	−29·978	− 3	...	...
...	54·821	−13·789	− 4	E	..
*	54·372	−32·959	1·35	43. 921	10·0
...	54·013	+59·409	− 1	41.1029	10·3
...	53·689	− 0·334	− 3	E	..
...	−53·645	+28·210	0·90	42. 963	10·3
...	53·490	−53·200	0·75	...	...
...	52·796	−17·838	− 2	..	..
...	52·778	− 9·229	0·95	...	...
*	52·751	+48·863	2·00	42. 964	9·5
31					
...	−52·304	+31·104	0·80	..	...
†	52·274	+55·191	− 3	...	...
...	52·113	−55·713	0·85	43. 922	10·2
...	51·572	+40·543	− 4	...	..
..	51·482	−21·742	− 3	...	...
...	−51·415	−16·444	0·90	43. 923	10·2
...	50·909	−49·226	0·95	43. 924	10·2
...	50·884	−50·876	0·80	...	...
*	50·844	+ 8·531	1·50	42. 965	9·4
...	50·692	−47·977	− 4	...	...
41					
...	−50·255	+54·385	− 3	...	...
*	49·887	−53·278	1·35	43. 925	10·0
...	49·764	−34·079	− 3	...	...
..	49·739	−41·881	− 2	...	..
...	48·866	+ 4·027	− 1	..	...
...	−48·540	+ 8·987	− 3	..	...
...	48·401	+43·315	− 4	...	...
S *	48·310	−13·191	2·43	43. 926	8·6
...	48·219	+21·804	− 3	...	...
...	48·160	+ 3·795	− 4	M	.
51					
...	−47·978	−15·689	− 4	...	
...	47·893	+24·627	0·70	...	...
...	47·718	− 7·588	0·85	.	
...	47·490	+42·370	− 4	..	...
...	47·469	− 6·217	− 3		...
*	−47·447	+ 9·768	1·20	42. 966	10·3
...	47·426	− 8·993	0·90	...	...
...	47·034	+ 5·535	− 3	..	...
*	46·869	−13·408	1·35	43. 927	9·6
...	46·720	−15·310	− 4	...	...
61–120					
61					
...	−46·209	−31·927	− 4	..	
	46·188	+ 4·468	0·65		...
.	46·162	−55·299	− 4		.
...	46·067	+ 8·081	0·85		
.	46·057	+32·783	0·85		.
S	−45·928	−47·276	2·83	43. 928	8·4
*	45·897	−14·250	1·2	43. 930	9·9
*	45·894	−37·284	1·0	43. 929	10·2
..	45·892	+43·803	0·85	...	...
..	45·712	+ 6·492	− 3	...	...
71					
*	−45·693	+55·883	1·45	42. 967	9·5
.	45·592	− 7·133	− 4	...	...
..	45·521	−39·106	− 3		
	45·277	+ 3·706	− 2		
	45·174	+ 9·194	− 1		.
.	−44·702	+46·989	− 3	...	...
*	44·624	−15·361	1·00		.
	44·446	−58·841	− 4	.	.
†	44·229	−22·326	− 2	...	...
†	44·221	−39·928	− 3	.	
81					
S	−44·165	+58·623	3·28	42. 968	8·0
+	44·154	−15·378	1·10	43. 931	10·0
...	43·865	+58·143	− 2	...	...
...	43·301	+19·186	− 1	...	...
*	42·979	−50·053	1·30	43. 932	9·9
...	−42·573	+28·350	− 2	...	...
.	42·390	+23·620	− 4	.	
...	42·156	+20·050	0·70	...	...
...	41·946	−10·816	0·80	...	...
*	41·409	− 5·911	1·00		..
91					
...	−40·707	−36·172	0·85	...	...
...	39·911	−41·437	0·90	...	...
	39·392	+ 8·447	0·70	...	.
†	39·213	+10·453	− 3	...	...
	39·077	+27·428	0·80	...	...
*	−39·074	+33·159	1·35	42. 969	9·4
*	38·852	+47·968	1·55	42. 970	9·1
..	38·818	+47·062	0·80		..
...	38·715	+17·422	− 4		...
...	38·683	− 2·364	0·70		..
101					
...	−38·390	−42·422	− 1	..	..
.	37·824	−50·306	− 2		...
...	37·451	+ 5·034	0·75	.	..
...	37·051	+36·674	− 4	...	...
S *	36·918	+40·971	2·85	42. 971	8·3
..	−36·638	+41·230	− 4	...	...
*	36·531	−21·160	1·40	43. 933	9·6
†	36·488	+15·118	− 4	...	...
..	36·084	− 2·834	− 1	.	...
...	36·077	−35·077	0·65	..	...
111					
...	−36·072	+10·815	0·80	..	...
...	35·506	−13·617	0·75	.	...
.	35·001	+36·203	0·70		...
...	34·655	+12·891	0·90	..	...
*	34·034	−50·925	1·10	43. 934	9·6
...	−34·022	−12·617	− 1	..	...
...	33·097	+ 9·259	− 4	M	...
*	33·042	+ 7·375	1·00	42. 972	10·3
..	32·369	− 0·641	− 4	B	...
±	32·277	+15·112	− 1	...	...
121–180					
121					
...	−32·228	−30·856	− 1		
	32·138	+45·448	0·90		
1	32·109	−51·586	− 1		...
...	31·898	+46·864	− 1	..	
	31·707	+ 4·445	0·70		
.	−31·405	−26·075	− 4		...
...	31·358	+31·874	0·65		
...	31·221	−57·421	− 4		.
	30·978	−48·365	1·70	43. 935	9·6
*	30·371	−46·419	2·00	43. 936	9·1
131					
*	−29·682	+47·378	2·15	42. 973	8·6
*	29·454	−11·486	1·00		..
...	28·924	+10·665	0·90		...
*	28·564	−27·807	1·00	.	...
*	28·022	+26·712	1·05	.	
...	−28·011	+10·011	− 4	.	.
*	27·699	−10·795	1·20	43. 937	10·2
*	27·317	− 0·321	1·10	42. 974	10·1
..	26·983	− 4·042	− 3	...	...
..	26·401	−52·176	0·80	43. 938	10·2
141					
...	−26·080	+37·827	0·75	...	...
S *	25·388	+ 0·390	1·93	42. 975	8·8
...	25·210	−37·391	0·90	43. 939	10·2
...	24·862	+55·428	0·80	...	.
..	24·816	−12·877	− 2	...	...
...	−24·667	+38·029	− 4	.	...
...	24·651	− 3·749	− 3	...	...
†	24·207	+26·944	− 4	..	...
..	24·143	+54·792	− 1	..	...
...	23·955	+38·998	0·70	.	...
151					
*	−23·874	+ 1·619	1·10	42. 976	10·2
.	23·830	+43·875	− 4	.	.
...	23·452	+25·775	0·75	..	..
...	23·231	−11·505	− 3		..
...	22·928	+ 2·225	− 3	...	...
*	−22·898	+ 0·841	1·00	42. 977	10·3
...	22·806	−24·846	− 3	...	...
	22·719	−57·486	− 1	.	...
*	22·548	+45·297	1·00	42. 978	10·3
...	21·993	+15·047	0·70	...	..
161					
...	−21·953	−25·552	− 4	...	...
*	21·836	− 1·074	1·20	42. 979	10·0
...	21·649	−22·727	− 1	...	...
...	21·513	+22·223	− 1	...	..
*	21·172	+45·555	1·00	..	...
..	−21·021	+33·317	− 4	...	...
*	20·890	+29·537	1·00	42. 980	10·2
...	20·819	−27·950	− 3	...	...
...	20·742	+ 0·006	− 1	F	...
*	20·319	+27·071	2·10	42. 981	8·8
171					
...	−20·095	−38·496	− 4	...	.
...	19·955	−36·673	− 4	..	..
...	19·806	+ 6·072	− 1	...	...
.	19·738	+35·293	− 3	...	...
*	19·635	+24·761	2·00	42. 982	8·9
...	−19·547	−32·856	− 4	...	...
±	19·376	−18·124	1·00	43. 940	10·2
S ±	19·282	+57·136	2·90	42. 983	8·2
...	18·911	−12·956	− 3	...	..
*	18·761	+22·716	1·20	42. 984	10·1

CH measured from 1, 45, 94, 133, 178, 215, 270
S ,, ,, 24, 81, 115, 148, 200, 238, 317, 390, 434, 495, 554.
B ,, ,, 299, 369, 412, 466, 529.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
181–240					
181					
.	−18·447	−47·096	− 1	...	...
...	17·825	−24·208	− 2	..	...
*	17·692	+48·612	1·15	42. 985	10·1
...	17·658	−51·359	0·65	...	...
..	17·429	+57·807	− 4	...	...
.	−17·376	+17·947	− 3		...
..	16·983	+48·602	0·70	...	...
	16·738	−39·879	− 1	.	...
	16·593	−28·367	0·80	.	...
...	16·566	+15·723	− 2	...	...
191					
...	−16·264	+31·076	− 2	.	...
. .	16·113	+57·323	− 4	...	...
...	15·950	+24·637	− 4	M	...
..	15·811	+49·343	− 4	. .	...
...	15·772	−45·897	− 2		...
...	−15·233	+37·187	0·85	.	...
...	14·804	−43·343	− 1	..	
†	14·406	+46·839	− 4	. .	...
†	14·380	+57·478	0·80	42. 986	10·3
*	14·128	−36·382	1·00	. .	...
201					
...	−13·911	+40·018	− 4	...	...
..	13·746	−10·662	0·70	. .	...
*	13·678	−17·399	2·00	43. 941	9·6
..	13·340	−25·324	− 4	...	...
...	12·860	+ 5·472	− 1		.
...	−11·748	+19·298	− 3	...	...
...	11·663	+46·723	− 4	...	.
...	10·946	− 0·008	− 1		...
...	10·295	−24·509	− 4	.	...
...	10·193	+46·137	− 4		...
211					
...	− 9·982	+11·578	0·65	...	...
*	9·787	+43·479	1·10	42. 987	10·0
*	9·644	+27·508	1·20	42. 988	10·0
†	9·414	+54·799	0·90	42. 989	10·2
. .	8·724	+19·306	− 3	..	...
...	− 8·462	+37·900	− 4	M	...
*	8·288	+19·225	1·50	42. 990	9·2
*	8·268	−12·421	1·00	...	...
*	8·146	+11·635	1·55	42. 991	9·4
..	8·133	+38·675	− 4	..	...
221					
...	− 7·818	+29·739	− 3		...
...	7·799	+50·655	− 1		...
..	7·772	− 1·407	− 1	. .	...
S *	7·713	−21·908	4·20	43. 942	7·0
...	7·487	−44·019	− 4	...	...
.	− 7·441	+19·387	− 3	...	...
‡	7·034	+ 0·219	1·00	F	. .
...	6·696	+21·146	0·70	...	...
*	6·688	−43·777	1·15	43. 943	10·2
...	6·269	−27·721	− 3	...	...
231					
‡	− 6·238	−34·727	1·45	43. 944	9·6
. .	5·979	+ 1·595	− 4	M	...
*	5·765	+31·963	1·30	42. 992	9·6
*	5·696	+32·483	1·10	42. 993	10·0
*	5·263	−36·152	1·00	...	. .
.	− 4·697	+52·226	− 3	...	...
...	4·630	−40·795	− 1	.	...
†	4·250	+58·533	0·95	42. 994	10·3
...	4·208	−48·894	− 4	...	...
...	4·185	−58·753	0·90	...	...
241–300					
241					
*	− 4·144	−19·933	1·15	43. 945	10·2
...	3·707	+ 4·184	− 4	M *m*	...
...	3·509	+16·767	− 4	...	...
...	3·468	+32·944	− 3	...	...
...	3·427	−31·927	− 2	...	...
*	− 3·371	+ 8·398	1·80	42. 995	9·6
*	3·281	− 6·458	7·80	43. 946	3·8
*	3·272	−10·181	1·05	...	...
...	2·835	+11·186	0·90	42. 997	10·1
S *	2·834	+14·389	2·20	42. 996	8·9
251					
...	− 2·635	− 9·306	− 3	...	...
...	2·522	− 4·497	− 4	*m*	...
...	2·513	+38·348	− 4	...	...
...	2·264	+ 4·392	− 4	M *m*	...
...	2·256	+11·301	− 1	...	...
...	− 2·113	+12·443	− 4	M *m*	...
...	1·953	+59·820	0·85	...	...
..	1·947	+41·684	− 4	...	...
*	1·876	−29·274	1·10	43. 947	10·2
...	1·480	− 5·772	− 4	...	...
261					
..	− 1·105	+24·280	− 4	.	...
*	0·984	−51·407	1·10	...	...
...	− 0·792	+ 3·359	− 4	...	...
...	+ 0·139	−13·836	− 2		...
. .	0·287	+56·494	− 4	...	...
...	+ 0·329	+44·579	− 4	..	...
*	0·470	+41·058	1·10	42. 998	9·6
†	0·536	+35·568	0·70	..	...
...	0·552	−55·379	− 4	..	...
†	0·637	+19·944	0·80	...	...
271					
...	+ 0·761	+18·369	− 4	...	...
...	0·876	+42·295	0·90	...	..
*	1·027	+52·061	1·20	42. 999	9·8
...	1·134	−43·764	− 3	...	...
*	1·213	−20·691	1·05	...	...
...	+ 1·434	+38 960	− 4	..	...
*	1·591	+33·480	1·00	...	...
*	1·621	−38·236	1·40	43. 948	9·6
...	1·654	−21·813	0·65	...	...
...	1·769	+53·705	0·70	...	...
281					
...	+ 1·789	+50·802	− 4	...	...
*	2·211	+31·485	1·30	42.1000	9·8
*	2·488	−45·023	1·20	43. 949	10·2
...	2·588	−12·652	− 4	M	...
...	3·625	−58·022	− 1	...	...
...	+ 3·662	−14·560	− 4	M	...
...	3·675	+36·185	− 2	...	...
*	4·201	−44·863	1·45	43. 950	9·6
*	4·272	−54·725	1·25	43. 951	10·0
...	4·348	−23·852	− 4	M	...
291					
*	+ 4·696	+24·041	1·10	42.1001	10·3
...	4·804	−28·478	0·85	...	...
...	5·252	+35·371	0·65	...	...
..	5·882	−49·862	− 4	...	...
...	6·361	−36·042	− 1	...	...
...	+ 6·369	−19·201	− 3	. .	...
...	6·813	+ 5·866	0·70	...	...
*	7·260	−58·436	1·00	43. 953	10·2
†	7·506	+15·300	− 3	...	...
...	8·016	+16·133	− 1	...	...
301–360					
301					
...	+ 8·077	− 3·081	− 4	*m*	...
...	8·271	− 3·494	− 3	...	...
...	8·330	+36·664	− 2	...	...
*	8·511	−44·109	3·50	43. 954	7·6
...	8·572	−26·610	− 4	...	...
...	+ 8·787	+35·855	− 3	...	...
...	8·945	+14·874	− 3	...	...
...	9·020	−16·146	− 4	...	...
...	9·032	− 8·782	− 1	...	...
*	9·212	−14·476	2·20	43. 955	9·4
311					
...	+ 9·352	−23·218	− 4	..	...
...	9·370	+21·104	− 4	...	...
...	9·654	−22·590	− 4	...	...
..	9·807	+36·534	− 4	...	...
...	9·877	− 3·792	− 3	*a*	...
...	+10·303	−36·155	− 2	...	...
†	10·691	−42·782	− 3	...	...
...	11·050	−17·744	− 4	...	...
...	11·297	+ 8·999	0·70	...	...
...	11·638	+20·456	− 3	...	...
321					
...	+11·730	−17·319	− 4	..	..
...	12·303	−41·645	− 4	...	...
*	13·083	−13·426	1·00	43. 956	10·2
*	13·363	− 6·727	1·00	...	...
...	13·444	−49·040	− 3	...	...
*	+13·512	− 5·347	1·15	43. 957	10·2
...	13·948	−39·514	− 4	...	...
...	14·029	+35·531	− 4	...	...
*	14·249	+41·671	1·00	...	...
*	14·306	−33·515	1·00	..	...
331					
...	+14·331	+50·882	− 4	...	...
*	14·499	+15·512	1·80	42.1002	9·2
*	15·096	+53·526	1·10	...	...
*	15·270	−20·155	3·00	43. 958	8·2
...	15·372	−27·980	0·95	...	...
...	+15·793	+16·639	− 4	...	...
...	15·850	−26·680	− 3	...	..
†	15·863	+56·485	1·10	42.1003	10·0
*	16·250	+56·435	1·00	42.1004	10·1
...	16·262	− 5·604	− 4	*m*	...
341					
...	+16·512	−13·280	0·70	...	...
*	16·656	−16·471	1·20	43. 959	9·5
*	16·902	−16·233	2·50	43. 960	8·8
...	16·926	+15·616	0·70	...	...
...	16·930	+31·923	− 4	...	...
...	+17·354	−29·096	− 4	...	...
S *	17·406	+13·734	1·65	42.1005	9·1
S *	17·526	+25·788	1·93	42.1006	9·1
...	17·584	−19·518	− 4	...	...
...	17·850	+ 0·410	− 4	...	...
351					
...	+18·063	−44·794	0·75	...	...
*	18·082	−36·968	1·10	43. 961	10·2
*	18·207	+23·420	1·00	...	...
...	18·550	− 1·020	− 2	...	...
S *	18·923	−18·690	3·85	43. 962	7·2
..	+19·069	+32·359	− 4	...	...
...	19·183	−21·129	0·90	...	...
†	19·234	−12·394	1·10	43. 963	10·2
...	19·381	+48·029	− 1	...	...
...	19·442	−45·891	0·90	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
361–420					
361					
..	+19·480	+25·701	0·80	...	...
...	19·489	−38·516	− 4	...	...
*	19·701	+ 0·612	2·00	42.1007	9·0
*	19·720	+ 0·455	1·00		
*	19·726	−34·228	1·00	..	...
†	+19·806	+45·148	− 4	..	...
*	20·285	+ 2·611	1·00	...	...
‡	20·575	−37·217	1·10	43. 964	9·6
..	20·988	−51·935	− 3	..	..
...	21·531	−56·021	− 2	...	...
371					
...	+21·911	−32·443	− 3	..	.
...	22·033	+35·347	− 4	...	.
...	22·368	− 0·697	− 1	.	..
...	22·907	−44·096	− 2	...	...
*	22·975	− 1·311	1·05	42.1008	10·1
...	+23·066	−10·444	0·90	...	.
...	23·166	+18·675	− 3	...	.
...	23·466	+33·099	0·70	...	...
.	23·585	−28·274	0·65	...	...
†	23·730	−19·743	0·65	...	...
381					
S *	+23·968	−47·649	2·00	43. 965	8·4
*	24·328	−36·083	2·65	43. 966	8·2
..	24·920	+ 7·463	− 4	...	...
...	24·938	+38·983	− 2	.	...
...	25·093	+13·223	− 4	..	...
...	+25·250	+17·223	− 3	...	...
*	25·305	+34·244	1·05	42.1009	9·8
...	25·437	+ 4·868	− 4	...	...
†	25·554	+17·367	0·70	...	...
†	25·670	+11·162	0·95	...	...
391					
*	+25·799	−16·186	1·00	43. 967	10·0
...	26·062	−41·362	0·65	...	...
...	26·069	−42·996	− 3	...	...
*	26·784	+43·630	1·10	42.1010	10·1
...	26·807	−50·681	− 4	...	...
...	+26·966	+45·034	− 4	...	...
...	27·203	+18·534	0·70	...	...
...	27·388	−16·623	− 4	..	...
*	27·557	−28·946	1·00	...	...
...	27 935	+20·914	− 4	...	..
401					
...	+28·458	−12·327	0·90	..	...
...	28·554	−46·649	− 4	..	...
...	28·659	+46·717	− 4	...	...
*	28·809	−59·300	1·00	...	...
...	29·270	+31·854	− 4	...	...
...	+29·552	+57·087	− 1	...	...
...	29·580	+31·326	0·90	...	...
*	29·702	+45·782	1·00	...	...
*	29·896	+44·248	1·00	42.1011	10·2
...	30·068	−12·179	− 1	...	...
411					
†	+30·490	+21·363	0·95	...	...
†	30·553	− 2·195	− 3	...	...
*	30·942	−34·361	1·40	43. 968	9·9
*	31·149	+29·445	1·20	42.1012	10·0
...	31·409	−31·537	− 4	...	...
...	+31·457	+ 8·332	− 4	...	...
...	31·756	−28·888	0·85	...	...
...	32·045	−15·214	− 4	...	...
*	32·162	+14·390	1·25	42.1013	10·1
...	32·238	+21·114	− 2	...	...
421–480					
421					
...	+32·448	−43·285	− 4	...	.
.	32·713	+ 6·720	− 4	*m*	...
...	32·831	−10·717	0·65		...
.	32·984	+41·800	− 3	...	...
..	33·168	−47·326	− 4		..
	+33·210	+38·127	− 4	...	.
...	33·659	−19·803	− 2		...
*	33·736	−45·547	1·25	43. 969	10·0
*	34·019	+25·365	1·00	42.1014	10·3
...	34·180	− 7·922	− 4	...	...
431					
*	+34·568	−38·473	1·15	43. 970	10·2
...	34·647	+ 2·138	0·90	...	..
...	34·777	−53·078	− 4	..	...
†	35·587	+12·614	0·85	...	...
‡	35·608	−45·637	1·00	43. 972	10·2
...	+35·709	+12·802	0·95	...	...
*	35·846	+46·062	1·30	42.1015	9·6
...	35·967	+19·654	− 4	...	..
..	35·967	+ 2·176	0·75	...	...
...	36·277	− 3·958	0·85	...	...
441					
*	+36·479	+19·332	1·00	..	..
*	36·480	−19·243	1·05	43. 974	10·0
...	36·744	−20·365	0·90		...
...	37·144	−29·848	− 3		...
...	37·582	+53·908	− 1	...	...
...	+37·617	−32·161	− 3	...	...
‡	37·767	+ 5·363	1·10	42.1016	10·1
*	38·096	+21·512	1·15	42.1017	10·0
*	38·270	+ 1·495	2·00	42.1018	9·4
*	38·328	+ 2·972	1·10	42.1019	9·8
451					
...	+38·348	−38·290	− 2	...	...
*	38·428	−58·323	1·20	43. 975	10·2
..	38·550	+38·409	− 3	...	...
*	38·781	+14·720	1·00	...	..
...	38·933	+47·080	0·85	...	...
*	+38·981	−41·293	2·00	43. 976	9·5
*	38·990	+ 3·736	1·45	42.1020	9·5
...	39·357	− 5·916	0·75	...	...
...	39·386	+ 2·851	0·85	..	..
*	39·567	−27·695	1·00	...	...
461					
...	+39·974	+ 4·012	− 4	*m*	...
*	40·394	−36·431	1·10	43. 977	10·2
†	40·478	−22·756	− 4	...	...
†	40·488	−10·835	0·70	...	...
‡	40·514	−34·117	1·10	43. 978	10·2
†	+40·538	+ 4·773	− 3	...	...
...	40·626	+11·244	− 3	...	...
*	40·853	+28·930	1·00	42.1021	10·3
...	41·003	−45·277	− 4	...	...
...	41·116	−10·359	− 4	...	...
471					
...	+41·193	+22·604	− 4	*m*	...
...	41·257	+ 6·099	− 3	...	..
...	41·324	−39·502	− 4	...	..
...	41·740	−17·579	− 1	...	...
...	41·746	−16·884	− 3	...	...
...	+41·881	−53·995	− 1	..	...
...	42·696	+50·810	0·70	...	...
...	42·867	+45·468	− 4	...	...
*	43·088	−27·452	1·25	43. 979	10·2
...	43·126	+45·750	− 4	...	...
481–540					
481					
†	+43·478	+45·181	− 3		...
...	43·769	+14·205	− 4		...
...	43·830	+28·953	− 4	.	...
...	44·109	+13·436	− 3		...
*	44·291	+23·999	1·90	42.1022	8·9
*	+44·370	+13·424	1·35	42.1023	9·6
...	44·444	−51·282	− 3	..	...
...	44·602	+ 9·698	− 4	..	...
...	44·771	− 1·899	− 4	*m*	..
...	44·777	−11·669	− 4	*m*	
491					
...	+44·803	−11·098	0·65	...	.
*	44·808	−56·555	1·55	43. 980	10·0
...	44·846	−19·528	− 3		...
...	44·890	− 1·812	− 2	.	...
*	45·644	+17·620	1·00	42.1025	10·2
*	+45·987	+36·139	1·00	42.1026	10·2
...	45·990	+ 3·388	0·70	...	...
*	46·033	+45·349	1·35	42.1024	10·0
...	46·237	−28·095	− 4	..	...
...	46·299	−31·532	− 1	...	..
501					
...	+46·444	+43·601	0·90	42.1027	10·3
...	46·502	+ 9·451	− 4		.
...	46·635	+14·745	0·70	...	..
*	46·654	−20·438	1·05	43. 981	10·0
*	47·436	− 5·064	1·40	43. 982	9·6
...	+47·567	−41·131	− 2	...	..
...	47·580	+17·210	− 4	..	..
...	47·667	+21·095	− 1	...	...
...	47·982	+46·831	0·90	..	...
S *	48·106	+31·266	2·95	42.1029	8·2
511					
...	+48·121	+29·895	− 3	...	...
...	48·132	−49·699	− 1	...	...
N *	48·270	+43·350	2·15	42.1028	9·6
...	48·444	+16·065	− 3	...	...
*	48·479	+26·751	1·20	42.1030	9·8
...	+48·653	+58·421	− 3	...	...
*	48·689	−57·530	1·10	43. 983	10·2
...	48·906	−15·620	− 3	...	...
*	49·321	+13·163	1·20	42.1031	9·8
*	49·415	− 8·571	1·00		...
521					
...	+49·842	− 8·077	0·70	...	...
...	49·854	+ 6·828	− 3	...	...
...	49·891	+33·272	− 4	...	...
S *	50·099	−24·894	2·28	43. 984	8·6
*	50·193	−56·031	1·60	43. 985	9·6
...	+50·242	+ 1·653	− 3	...	...
...	50·341	+ 3·067	− 4	.	...
...	50·379	−40·633	− 3	..	..
...	50·684	−57·712	− 4	...	...
*	50·694	+23·129	1·40	42.1033	9·6
531					
...	+51·051	− 5·201	− 4	...	...
...	51·100	+50·484	− 1	42.1032	10·3
...	51·156	−59·230	0·85	..	...
...	52·002	+13·553	− 1	..	...
...	52·304	+ 8·416	− 3		...
...	+52·353	−31·225	− 4	..	...
...	52·681	+18·620	0·75	..	...
...	52·831	−32·888	− 2	...	...
...	53·237	−43·505	0·90	43. 987	10·2
*	53·366	−20·934	1·20	43. 986	10·0

513 Var. L=9·1 - <11·5.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
			0·95.		
541–560					
541					
*	+53·717	−15·855	2·00	43. 988	9·0
...	53·731	+14·155	− 3	...	...
...	53·768	+24·548	− 4	...	...
..	54·106	+46·784	0·90	42.1034	10·3
...	54·309	+ 8·095	− 3	..	...
...	+54·506	−41·069	0·75	...	...
...	54·583	−21·922	− 3		.
...	54·847	−55·207	− 4		..
..	55·082	+12·864	− 3	...	...
..	55·154	−26·922	0·70		
551				43. 989	9·6
*	+55·243	−26·883	1·20		
...	55·225	−18·137	− 4	. .	.
...	55·261	− 4·603	− 2	.	...
†	55·515	− 2·884	− 1	. .	..
...	55·755	−54·754	− 4	...	...
. .	+56·041	− 2·152	− 4	...	...
.	56·535	+21·534	1·40	42.1035	9·6
†	56·563	− 4·629	− 1	.	...
†	56·788	+40·066	− 4	...	.
...	57·205	+17·208	0·70	...	

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
561–572					
561					
*	+57·487	+ 1·537	1·00	42.1036	10·3
*	57·520	−56·030	2·00	43. 990	9·5
...	57·992	−57·369	− 4	...	...
...	58·300	+ 4·311	− 4	...	...
†	58·603	−49·613	− 4	.	...
...	+59·115	−11·296	− 1		...
	59·311	− 1·383	0·95		...
...	59·570	−15·319	− 3		...
*	59·731	+14·100	1·20	42.1037	10·0
...	59·944	−38·654	− 4	...	...
571					
*	+59·979	−57·757	3·25	43. 991	8·2
...	60·177	− 3·292	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

1–30					
1					
S *	−58·890	−25·030	2·53	43. 984	8·6
.	58·522	− 5·316	− 4	...	...
	58·137	−40·746	− 5	...	...
. .	58·125	+13·465	0·90	...	...
*	57·868	−56·153	1·40	43. 985	9·6
...	−57·687	+ 8·347	− 3	...	.
. .	57·599	+18·551	0·95	...	. .
...	57·307	−57·805	− 5		...
...	57·020	+46·752	0·85	42.1034	10·3
. .	56·798	−59·320	− 1	...	. .
11					
...	−56·676	+24·510	− 3	...	.
..	56·446	−31·286	− 5	.	. .
.	56·418	+14·119	− 3	.	...
. .	55·912	−32·937	− 1	...	...
*	55·735	−20·969	1·20	43. 986	10·0
...	−55·671	+ 8·080	− 1	...	. .
S *	55·535	−15·885	1·95	43. 988	9·0
.	55·193	−43·539	1·10	43. 987	10·2
.	55·018	+12·870	− 3	...	...
...	54·488	−21·918	− 4	.	...
21					
†	−54·328	− 4·586	− 2		
. .	54·153	− 2·865	− 4	.	
.	54·098	+16·027	− 5		
.	54·000	−41·058	0·80		...
	53·921	−18·116	− 5	...	. .
*	−53·847	+21·576	1·30	42.1035	9·6
	53·791	−26·902	0·90	43. 989	9·6
*	53·666	−26·856	1·20		
..	53·640	− 2·119	− 4	...	..
...	53·230	−55·179	− 5	...	.

31–60					
31					
..	−53·044	+17·275	0·65	...	...
...	53·038	− 4·578	0·65	.	..
..	53·024	+51·180	− 5	...	..
...	52·353	−54·705	− 5	...	..
	52·303	−29·511	− 5	..	...
*	−52·290	+ 1·615	1·00	42.1036	10·3
..	51·564	+ 4·411	− 4	...	...
...	50·794	−53·217	− 5	...	...
..	50·735	−20·607	− 4	...	...
*	50·543	−55·929	1·90	43. 990	9·5
41					
*	−50·426	+14·241	1·20	42.1037	10·0
*	50·383	− 1·248	1·00	...	. .
. .	50·295	−11·152	− 3	. .	...
...	50·042	−57·273	− 5	...	...
. .	49·712	−15·170	− 3	...	. .
...	−49·665	−49·473	0·65	.	..
...	49·463	− 3·132	− 5		
. .	48·765	+21·106	0·85		.
.	48·641	−38·494	− 3	...	...
. .	48·534	−12·153	− 4	...	.
51					
*	−48·351	−21·749	1·90	43. 992	9·0
*	48·025	+14·872	1·40	42.1038	9·5
*	48·019	−57·579	3·15	43. 991	8·2
...	47·796	−21·977	− 5	...	...
...	47·379	+ 9·384	− 5	M	...
...	−47·051	− 4·849	0·90	...	...
*	46·915	+32·329	1·00	42.1039	10·3
...	46·022	−27·630	0·75	...	..
.	45·976	−57·525	− 4	...	..
...	45·850	+35·624	− 4	M	

61–90					
61					
*	−45·611	+15·135	− 4	M	...
...	45·381	−19·562	− 5	.	..
..	45·121	+10·762	− 3	.	...
	44·991	− 0·750	− 3	...	...
*	44·959	−47·440	1·20	43. 993	10·2
S *	−44·907	+22·647	2·30	42.1040	8·4
.	44·690	−47·874	− 4	. .	.
...	44·554	+58·091	− 1	.	...
...	44·417	− 1·688	0·85	.	. .
†	44·339	+ 3·413	1·35	42.1041	9·5
71					
*	−44·144	−12·280	1·10	43. 995	10·0
.	43·810	−57·018	0·90	43. 994	10·2
...	43·712	+32·187	0·85	...	...
..	43·600	+27·532	− 5	M	...
†	42·790	−39·707	− 3	. .	...
*	−42·618	−11·123	1·00	...	...
..	42·593	+32·882	− 4	.	...
*	42·586	+ 3·683	1·30	42.1042	10·0
..	42·564	−40·578	− 5	...	.
	42·549	+41·741	− 5		.
81					
	−42·114	−34·619	0·70	. .	
	41·890	+27·368	− 4	...	. .
.	41·869	− 5·791	− 4	..	..
†	41·623	+54·055	1·30	42.1043	9·8
...	41·603	−42·077	− 1	...	..
	−41·539	−11·098	− 1		...
...	41·493	− 1·426	0·70	..	...
*	41·478	−42·240	1·50	43. 996	9·6
*	40·901	− 6·401	1·30	43. 997	10·0
...	40·427	−51·969	− 5	...	...

CH measured from 1, 48, 93, 153, 211, 271, 327, 385, 543, 631.
B .. .. 128, 180, 244, 296, 360, 477, 598, 667.
JH .. .. 22, 71.

91–150

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
91	′	′		°	
*	−39·780	+14·456	1·00		...
...	39·606	+20·457	− 4		...
...	39·086	+ 5·522	0·65		...
...	38·802	−32·789	0·85	.	...
*	38·654	+37·084	1·05	42.1044	10·3
*	−38·640	−44·157	1·50	43. 998	9·6
*	38·214	−50·057	1·20	43. 999	10·2
...	38·213	− 9·484	− 3	...	...
*	38·137	+11·727	1·20	42.1045	10·1
*	38·030	+26·595	1·05	...	..
101					
..	−37·708	+22·209	− 4	..	.
...	37·650	−36·517	− 5	...	..
*	37·579	−46·064	1·10	43.1000	10·2
...	37·444	−34·791	− 5	M	...
*	37·284	−27·835	1·25	43.1001	10·2
.	−37·115	−40·283	− 5		...
..	37·085	+46·087	− 4		...
...	37·069	−22·756	− 3	.	..
...	36·940	−53·227	− 5	.	...
*	36·931	−46·419	1·40	43.1002	9·8
111					
*	−36·599	+ 9·143	1·30	42.1046	9·6
...	36·429	−43·259	− 4	...	...
*	36·425	−55·966	1·45	43.1003	9·6
.	36·424	−25·773	1·05	43.1005	10·2
*	36·316	−58·450	1·10	43.1004	10·2
...	−36·251	− 6·246	− 2	.	.
...	36·160	+ 5·669	− 5	...	...
...	36·088	+15·308	− 4	...	
...	35·397	− 3·815	− 3		
...	35·145	− 9·302	0·90	.	..
121					
...	−35·139	+46·154	0·90	42.1047	10·3
.	35·074	−27·868	− 3	..	..
..	34·669	+13·124	0·70		...
...	34·631	−33·008	− 2	.	
...	34·602	−27·920	− 4	M	...
†	−34·405	+30·931	0·75	...	.
..	34·385	+21·019	− 5	M	...
..	33·495	+11·826	− 2	.	.
...	32·465	−46·204	− 5	..	.
...	32·344	−49·935	− 1	..	...
131					
*	−32·317	−50·186	2·00	43.1006	9·4
*	32·254	−42·733	1·50	43.1007	9·6
...	31·993	+44·559	0·65	...	..
...	31·991	+ 4·837	− 2		...
...	31·711	−43·875	− 1	..	...
...	−31·710	+35·257	− 3	...	..
...	31·604	−56·683	− 5	...	.
...	31·503	−53·487	− 2	...	
..	31·459	− 5·024	− 5	..	..
...	31·309	− 2·337	− 3	...	.
141					
...	−31·051	+ 8·741	− 2	..	
...	30·791	−16·042	− 4	..	...
...	30·727	+45·474	− 4	..	.
..	30·572	−22·138	− 5	...	...
S *	30·491	−46·064	2·35	43.1008	8·5
S *	−30·476	+54·503	2·00	42.1048	9·2
...	30·382	−43·454	0·90	43.1009	10·0
*	30·091	−48·511	1·00	43.1010	9·8
...	29·834	−34·866	− 5	...	...
...	29·830	+29·011	− 3	...	...

151–210

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
151	′	′		′	
*	−29·577	+50·711	1·25	42.1050	9·6
*	29·576	+44·687	1·00	42.1049	10·0
..	28·497	+ 5·766	− 3	...	...
.	28·341	+22·146	− 3	...	...
*	28·249	+34·203	2·60	42.1051	8·6
†	−28·222	−34·611	1·00	43.1011	10·0
*	28·158	+47·889	1·10	42.1052	10·1
	28·140	−26·670	− 4	..	
...	27·812	+22·964	− 5		
...	27·465	−18·212	0·65		...
161					
*	−27·448	−28·611	1·05	43.1012	10·0
.	27·213	+29·368	0·85	...	...
..	27·131	+50·169	− 3		.
...	26·864	+ 7·699	0·65		..
..	26·732	+27·197	0·65	.	...
*	−26·293	− 0·400	1·35	42.1053	9·6
	25·887	+50·812	− 3	...	...
*	25·842	−14·974	1·10	43.1013	9·9
..	25·670	+16·426	− 3	..	...
*	25·455	−33·655	1·30	43.1014	9·7
171					
...	−25·394	+ 0·096	− 1	...	...
.	25·357	−51·385	− 1	...	...
*	25·130	+27·380	1·25	42.1054	9·6
*	25·019	−38·512	1·05	43.1015	10·0
	25·008	−27·984	− 2	...	...
...	−24·539	− 0·558	− 1	...	...
*	24·454	−36·719	1·30	43.1017	9·6
...	24·425	−53·919	− 3	...	.
*	24·365	+ 3·491	1·00	...	...
.	23·907	−46·880	− 5		
181					
...	−23·854	−15·603	− 4	...	
.	23·635	−14·328	− 3		..
...	23·384	+18·430	− 4		...
S	23·374	+12·971	2·43	42.1055	8·5
.	23·352	−35·747	− 4		..
...	−23·296	+19·838	− 4	...	.
	23·079	+11·658	− 3		...
	22·879	+35·933	− 5	.	.
...	22·405	+49·842	− 1	.	.
...	22·351	+17·782	− 5	M	..
191					
...	−22·208	+57·958	− 5	.	..
.	22·085	+38·372	− 5	.	
..	22·004	+ 7·888	− 4	.	...
*	21·847	+11·655	1·00	42.1056	10·3
*	21·825	+41·439	1·30	42.1057	9·6
.	−21·754	+ 6·640	− 4	...	..
.	21·473	−16·373	− 5	...	...
...	21·304	+16·004	− 1	..	...
n *	21·205	−20·816	1·00	43.1019	9·2
*	21·106	−41·757	2·40	43.1018	8·2
201					
...	−21·098	−51·912	0·75	...	...
n *	21·090	−21·027	1·40	43.1019	9·2
...	20·805	+53·981	− 5	...	...
*	20·741	+21·290	1·20	42.1058	9·8
...	20·502	−26·090	− 4	...	...
...	−20·499	+16·319	0·70	...	
.	20·036	−41·355	− 1		
...	19·886	−12·801	− 5	M	..
...	19·780	+ 7·465	− 4	...	
	19·608	−26·589	− 5	...	.

211–270

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
211	′	′		°	
†	−19·285	− 2·540	− 3	...	...
.	19·271	−41·031	1·30	43.1020	9·6
	19·061	−31·920	− 3	..	...
...	18·712	+11·735	− 3	..	...
	18·513	+22·772	− 4	...	...
*	−18·325	+ 9·193	1·00	...	..
...	18·300	−26·833	0·65		...
.	18·249	−48·759	0·70	..	..
	18·056	+14·151	− 5	.	..
.	17·993	−16·234	0·65	...	..
221					
*	−17·925	− 2·600	1·05	43.1021	10·0
	17·787	−28·062	− 3	...	.
..	17·363	+26·706	− 5	M	...
...	17·216	− 4·647	− 3	A	..
...	17·201	−46·936	− 1	...	...
.	−16·924	− 8·751	0·80	43.1022	10·0
†	16·913	−39·591	− 3	...	...
*	16·547	+25·418	1·00	42.1059	10·3
..	16·269	−28·258	− 4	...	...
...	16·147	+15·797	− 2	...	...
231					
	−16·106	−13·613	− 5	M	..
..	16·088	+10·570	− 4	...	...
...	15·940	+28·026	− 2	...	...
*	15·704	−48·518	1·15	43.1023	9·9
...	15·690	−43·019	− 5	...	...
.	−15·060	+ 6·104	0·70	..	...
*	14·994	+15·646	1·15	42.1060	10·3
..	14·762	−25·415	− 3	A	...
	14·726	−52·446	1·15	43.1024	10·0
...	14·700	+24·636	− 4	...	...
241					
..	−14·626	−55·009	0·75	..	..
	14·561	+57·297	− 5	...	...
...	14·542	−45·034	− 2		...
	13·980	+49·923	− 3	.	...
...	13·939	+49·369	− 4		
.	−13·657	+28·884	− 4		..
..	12·917	+35·522	− 2		..
..	12·878	+56·630	0·70	...	...
	12·710	−42·194	− 5	...	..
...	12·553	−15·161	− 5	M	..
251					
...	−12·512	−42·920	− 1	...	..
...	12·488	−15·094	− 4	...	...
.	12·354	−17·475	− 5	..	...
	12·163	−51·657	− 5		...
..	11·427	+11·791	− 2	...	...
*	−11·320	−52·822	1·00	43.1025	10·0
...	11·229	−34·034	− 5	...	...
..	11·044	−59·384	− 5	...	..
*	11·004	+32·691	1·75	42.1061	8·9
*	10·921	−17·002	1·00	43.1026	10·0
261					
...	−10·569	−57·945	0·70	...	...
..	10·458	− 8·843	0·65	.	.
...	10·282	+ 5·868	− 3	...	.
*	10·279	+36·752	1·65	42.1062	9·1
..	10·261	+18·151	0·70	..	.
.	−10·148	+57·558	− 4		..
	9·943	+18·311	− 4	..	
...	9·869	+56·929	− 3	..	.
....	9·663	−22·707	− 1		...
...	9·544	−13·852	− 1	...	...

199, 202. C.P.D., probably mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
271-330					
271					
...	− 9·255	−36·260	− 5	..	...
.	9·119	+ 9·396	0·85	.	...
...	9·054	+ 1·133	0·90	..	...
*	9·013	−27·007	1·00	43.1027	10·0
...	8·739	+ 7·153	− 3	...	...
...	− 8·681	+36·755	− 5	M	...
*	8·446	+34·618	1·10	42.1063	10·1
...	8·422	−58·422	− 2	...	...
.	8·351	−14·865	1·00	43.1029	10·0
*	8·335	−32·658	1·20	43.1028	10·0
281					
...	− 8·287	−49·259	− 3	...	...
...	7·896	+54·771	− 1		...
...	7·847	+28·504	− 2	...	...
...	7·645	− 4·908	0·70	...	...
..	7·111	+46·589	− 2	..	...
..	− 6·467	−55·085	− 5	...	...
†	6·377	+20·161	− 5	..	...
*	6·168	+37·436	1·20	42.1064	10·0
...	5·223	−41·972	0·70	*m*	...
...	5·087	+41·151	− 5	...	...
291					
...	− 5·077	+23·859	− 5	M	...
...	5·059	−54·148	− 3	*m*	...
...	4·768	−43·728	− 1	*m*	...
...	4·737	−45·898	− 4	*m*	...
†	4·474	−18·990	1·30	43.1030	9·7
...	− 4·026	+38·513	− 3	...	...
...	4·024	−37·795	− 5	*m*	...
...	3·899	+ 9·161	− 5		...
*	3·868	−21·201	1·90	43.1031	9·0
...	3·632	− 3·456	0·80	*m*	...
301					
...	− 3·572	+39·716	− 1	...	...
*	3·202	+20·728	1·35	42.1065	9·6
.	3·187	−22·936	− 3	*m*	...
.	2·996	+25·589	0·70	...	...
*	2·958	−46·788	2·00	43.1032	8·8
..	− 2·880	−30·915	− 1	*m*	...
...	2·713	+13·742	0·65	...	...
S *	2·683	+28·411	2·20	42.1066	8·9
...	2·656	−33·505	− 4	*m*	...
*	1·672	+34·980	1·20	42.1067	9·6
311					
*	− 1·460	+37·870	1·30	42.1068	9·2
.	1·355	−41·655	0·90	...	...
*	1·288	+54·458	1·40	42.1069	9·6
†	0·947	−49·620	− 3	*m*	...
*	0·827	+58·631	1·20	41.1112	10·2
*	− 0·762	+28·225	1·40	42.1070	9·6
..	0·738	+ 1·386	− 3	...	...
...	0·650	−39·112	− 4	*m*	...
.	0·532	−32·895	1·35	43.1033	9·4
...	0·409	+17·681	− 4	...	...
321					
...	− 0·344	+24·173	− 5	...	...
...	0·156	−58·859	0·90	...	
..	− 0·110	+29·382	− 5	...	..
..	+ 0·057	−11·574	− 5	M *m*	...
...	0·113	+38·102	− 4	...	..
.	+ 0·137	+53·839	− 4		..
†	0·619	+16·400	− 4	...	...
...	0·738	−21·842	0·75		...
...	0·820	+33·012	− 5	...	...
...	0·829	+31·315	− 5	M *m*	...
331-390					
331					
...	+ 1·039	+ 7·660	− 5	°M	..
...	1·769	+48·888	− 4	...	...
*	1·822	+ 5·148	1·10	42.1072	10·2
...	1·854	−32·181	− 5	*m*	...
..	1·914	−59·335	− 5	*m*	...
*	+ 1·936	+52·461	1·10	42.1071	10·3
...	1·941	+48·507	− 5	...	...
...	2·161	+51·261	0·65	...	..
...	2·179	−55·082	− 2	..	...
*	2·644	+41·041	1·25	42.1073	10·0
341					
*	+ 2·662	−11·019	1·00	43.1034	10·0
*	2·754	−44·453	1·00	43.1035	10·0
S *	2·850	+ 3·403	3·00	42.1074	8·0
S *	2·942	−41·348	3·25	43.1036	7·6
.	3·172	−15·059	− 1	*m*	...
...	+ 3·182	+ 6·252	0·70	...	...
*	3·230	−37·457	1·30	43.1037	9·9
*	3·546	−39·726	1·30	43.1038	9·6
*	3·700	−32·940	1·00	...	...
...	3·840	+24·741	0·65	...	...
351					
*	+ 4·189	+41·825	1·50	42.1075	9·2
...	4·278	−41·745	− 5	M *m*	...
.	4·540	+26·028	− 5	M *m*	...
...	4·625	−58·852	0·80	...	...
...	4·679	−24·896	− 5	M *m*	...
...	+ 4·734	−36·093	− 1	*m*	...
N	4·772	−25·345	− 3	*m*	...
...	5·025	− 2·497	− 5	*m*	...
†	5·544	+ 1·469	0·90	42.1076	10·3
...	5·685	+37·413	− 4	...	...
361					
†	+ 6·134	−29·671	− 4	*m*	...
...	6·359	−59·040	− 3	...	...
*	6·449	− 31·271	2·20	43.1039	8·3
...	6·517	+37·613	−4	...	...
...	6·558	−58·507	0·70	...	...
...	+ 6·721	+31·206	− 3		...
...	6·823	+ 3·884	− 5	*m*	...
...	6·967	−28·629	− 1	*b*	...
*	7·426	−41·282	3·30	43.1040	7·4
...	7·615	−17·052	− 4	. *m*	...
371					
*	+ 7·944	+26·845	1·00	42.1077	10·3
...	8·193	−13·296	− 5	*m*	...
...	8·380	−26·071	− 1	*b*	...
...	8·712	+48·521	− 4	...	...
...	8·824	+58·005	0·90	42.1078	10·3
...	+ 9·560	+ 3·822	− 5	*m*	...
...	9·599	−24·434	− 4	*m*	...
*	9·697	− 2·239	1·80	43.1041	9·1
...	10·114	+39·044	− 5	...	...
†	10·189	+25·164	− 4	...	...
381					
...	+10·209	+46·025	− 2	..	...
...	10·219	−30·328	0·90	43.1042	10·0
*	10·272	−55·914	1·00	43.1043	9·9
*	10·288	+37·998	1·05	42.1079	10·1
...	10·756	+26·253	− 3	...	...
*	+10·899	−56·028	1·20	43.1044	10·0
...	11·180	−32·324	− 5	*m*	...
..	11·319	− 7·469	− 5	*m*	...
...	11·777	−49·949	− 5	*m*	...
...	11·874	−19·782	0·95	43.1045	10·0
391-450					
391					
...	+11·928	−45·417	0·95	...	...
...	12·225	+44·771	0·90	...	...
*	12·346	− 3·353	1·00	43.1046	10·0
...	12·436	+ 6·448	− 3	...	...
S *	12·650	− 6·517	1·60	43.1047	9·0
*	+12·693	+ 6·499	1·25	42.1080	9·8
...	12·746	−41·371	0·90	...	...
...	12·789	+ 6·362	− 3	...	...
...	12·855	+59·552	− 3	...	...
...	12·980	+33·751	0·65	...	...
401					
...	+13·071	−59·340	0·90	...	...
...	13·125	−49·981	− 2	*m*	...
...	13·252	+14·198	− 3	...	...
*	13·257	+10·971	1·25	42.1081	10·1
...	13·299	−29·531	− 5	*m*	...
...	+13·491	−52·435	0·85	...	...
*	13·603	−46·055	1·00	43.1048	10·0
...	13·716	+24·373	− 3	...	...
...	13·762	+23·529	− 5	*m*	...
...	13·953	+11·845	− 5	...	...
411					
...	+14·089	+36·907	− 4	...	...
*	14·354	−49·949	1·35	43.1049	9·7
S *	14·565	+ 9·976	1·95	42.1082	9·0
...	14·704	+46·880	− 3	...	...
*	14·731	−38·964	1·05	...	...
...	+14·736	+ 3·592	0·75	...	...
...	14·888	−52·931	− 4	*m*	...
...	15·019	− 0·501	− 5	*m*	...
...	15·086	−25·302	− 2	*m*	...
...	15·194	−18·633	− 3	*m*	...
421					
...	+15·358	−47·268	− 4	*m*	...
...	15·948	− 6·716	− 5	*m*	...
*	16·155	+55·792	1·10	42.1083	10·1
...	16·201	−21·041	− 5	*m*	...
...	16·225	+53·793	− 2	...	...
...	+16·404	+29·642	− 4	...	..
...	16·491	+22·109	− 4	...	...
*	16·703	+ 6·146	1·30	42.1084	10·3
...	16·945	−18·246	− 5	*m*	...
...	16·956	−53·811	0·65	...	...
431					
...	+17·204	−28·419	− 5	*m*	...
...	17·336	−27·821	− 5	*m*	...
*	17·353	− 8·535	1·35	43.1050	9·9
†	17·485	−29·603	− 4	*m*	...
...	17·537	+54·164	0·75	...	...
...	+17·928	−47·791	− 3	*m*	...
*	18·083	+44·748	1·10	...	...
...	18·919	−56·325	− 2	*m*	...
...	18·952	−24·010	− 5	*m*	...
...	19·000	−13·100	− 5	*m*	...
441					
†	+19·100	+35·193	− 3	...	...
..	19·138	−52·359	− 3	*m*	...
...	19·273	−42·307	− 5	*m*	...
...	19·326	−10·858	0·90	...	...
...	19·771	−28·275	− 5	*m*	...
...	+19·905	− 2·199	− 5	*m*	...
...	20·090	− 9·969	− 5	*m*	...
...	20·372	+16·223	− 3	...	...
...	20·849	−33·870	0·70	...	...
*	20·874	+31·584	1·15	42.1085	10·3

357. Defect on film; 2nd image measured and corrected.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
451–510					
451					
...	+20·996	−46·371	− 2	b	...
S *	21·094	−54·721	1·55	43.1051	9·2
*	21·199	+58·248	1·65	42.1086	8·9
...	21·400	+48·271	− 3	...	...
*	21·407	−37·029	1·25	43.1052	10·0
*	+21·680	+50·971	1·15	42.1087	10·1
...	21·727	−19·379	− 4	m	...
...	21·760	+43·262	− 2	...	
	21·918	+37·931	1·00	..	.
*	21·931	−54·844	1·50	43.1053	9·4
461					
...	+22·184	+29·142	0·80	...	...
...	22·584	+ 2·631	0·65	...	...
..	22·763	−13·910	− 4	m	...
...	23·321	−16·490	0·75	...	
...	23·417	−41·470	− 3	m	...
...	+23·430	+14·263	− 4	...	...
*	23·474	+56·822	1·25	42.1088	10·0
...	23·914	− 5·790	− 4	m	...
...	24·073	+39·439	− 4	..	...
...	24·172	−52·343	0·80	.	...
471					
*	+24·422	+50·913	1·35	42.1089	9·6
...	24·488	+18·163	0·90	...	...
..	24·716	−41·112	0·80	...	...
...	25·191	−38·280	− 4	m	...
...	25·370	−42·589	− 4	m	...
...	+25·410	−56·210	− 5	m	...
...	25·726	+ 8·770	0·80	...	...
...	25·827	+30·301	0·85	...	...
...	25·853	+56·364	− 3	...	...
...	25·878	−27·280	− 5	m	...
481					
*	+26·248	+17·698	1·10	42.1090	10·1
...	26·320	−37·594	0·70	...	...
...	26·726	+54·634	− 5	...	...
...	26·907	+ 9·509	− 3	..	...
...	27·041	+57·814	− 3	...	...
...	+27·278	−48·814	− 5	m	...
...	27·359	+43·528	− 1	...	...
...	27·402	−52·145	0·90	43.1055	10·0
*	27·652	−22·751	2·00	43.1054	9·2
...	27·654	+43·132	− 4	...	..
491					
...	+27·689	+ 7·602	− 5	...	...
...	27·713	−45·604	0·90	43.1056	10·0
...	27·817	−52·812	− 5	m	..
...	27·827	+ 6·363	− 1	...	...
...	27·882	+42·496	− 2	...	...
...	+27·909	−14·273	− 4	m	...
...	28·149	− 8·477	− 5	m	.
...	28·201	+45·283	− 1	...	..
...	28·296	+12·023	− 3	...	...
...	28·549	+44·287	− 3	...	...
501					
†	+28·617	−49·654	− 5	m	...
...	28·711	+43·884	− 4	...	...
*	28·841	−33·688	2·50	43.1057	8·5
...	29·046	+38·593	− 2	...	...
...	29·056	+31·306	− 4	.	...
...	+29·294	+17·072	− 5	...	...
...	29·695	+30·981	− 2	...	...
*	29·702	−30·985	1·25	43.1058	9·7
...	29·754	−41·322	− 5	m	...
...	30·280	−38·766	− 2	...	...
511–570					
511					
...	+30·288	−17·733	− 2	m	...
*	30·303	−23·852	1·75	43.1059	9·4
...	30·322	+ 2·406	− 3	m	...
*	30·770	+44·782	1·00	42.1091	10·1
..	30·837	+53·700	− 5	...	...
...	+31·040	−44·063	0·70	...	...
..	31·164	−10·835	− 3	m	..
...	31·280	+19·019	0·85	...	..
..	31·524	−45·250	0·70	..	...
...	31·877	−22·887	− 4	m	..
521					
...	+32·026	+15·772	− 4	...	..
...	32·047	−42·065	0·70	...	..
..	32·151	+57·173	− 3		...
...	32·342	− 4·432	0·80	...	...
*	32·347	+ 9·239	1·00	42.1093	10·3
...	+32·432	+10·861	− 3	...	...
...	32·503	+22·834	0·90	...	...
S *	32·810	+54·767	2·80	42.1092	8·0
...	32·827	−47·114	0·90	...	...
...	32·893	+31·646	− 5	...	
531					
...	+33·306	−26·993	− 5	m	
...	33·315	−27·042	− 3	...	...
...	33·321	+14·679	− 4	...	..
...	33·418	+25·620	0·90	.	.
..	33·736	+16·467	− 4		...
...	+33·865	−51·525	− 2	.	...
*	33·898	+37·670	1·00	42.1094	10·3
...	33·922	−59·402	0·90	43.1060	10·0
...	35·004	+39·432	− 4	...	..
...	35·192	+33·375	− 4	.	.
541					
...	+35·256	+13·486	− 3	...	...
...	35·358	+25·847	− 3	..	..
†	35·658	+45·172	− 3	..	...
.	35·895	+38·901	− 1	..	
.	35·983	−36·796	− 3	..	...
.	+36·669	−19·749	0·70	..	...
*	36·894	− 9·378	1·00	43.1061	10·0
...	37·152	−14·769	− 3	m	...
...	37·576	−39·845	− 5	m	...
*	37·709	+22·200	1·00	...	...
551					
*	+37·804	−58·386	1·25	43.1062	9·9
...	37·818	+27·323	0·90	...	...
.	38·189	+20·870	− 4	...	...
...	38·189	+ 7·992	− 4		...
...	38·474	+28·173	− 4	...	...
...	+38·683	+ 4·049	− 5	...	...
*	38·834	+22·177	1·10	...	..
†	39·473	+60·102	1·50	41.1131	9·6
...	39·677	−53·154	− 3	...	...
...	39·691	+27·230	− 2	...	...
561					
*	+39·728	−46·158	1·30	43.1064	9·9
...	40·608	−42·110	0·75	...	...
...	40·619	+33·643	− 2	...	...
...	40·651	−31·324	− 4	m	...
...	40·653	− 2·931	0·75	b	...
...	+40·724	− 0·989	− 3	m	...
...	40·767	−42·654	− 3	m	...
...	40·867	−35·003	− 4	...	...
S *	40·879	+ 0·953	2·80	42.1095	8·2
...	40·925	−33·155	− 5	m	...
571–630					
571					
...	+41·253	−34·271	0·65	.	...
.	41·440	−52·640	− 3	...	...
...	41·662	+56·852	− 2	...	...
	41·985	+51·587	0·85	...	..
..	42·087	−41·234	− 3	...	...
...	+42·096	−31·126	0·80	...	...
*	42·132	−22·850	1·35	43.1065	9·8
...	42·180	−19·922	0·80	...	...
*	42·192	+51·109	1·40	42.1096	9·6
...	42·280	−43·897	− 1	...	...
581					
†	+42·382	+ 5·294	− 2	...	...
...	42·472	−21·913	− 3	m	...
..	42·527	−10·439	− 3	m	...
...	42·623	− 8·251	0·70	b	..
...	42·785	+23·894	− 2	...	...
...	+43·508	− 2·793	− 1	b	.
...	43·520	−39·272	0·90	...	..
...	43·779	−21·663	− 5	m	...
	43·990	− 8·076	1·20	43.1066	10·0
..	44·177	+20·032	0·90	..	...
591					
...	+44·242	−43·506	− 4	m	...
	44·243	+ 9·256	− 4	...	
...	44·461	− 7·297	− 2	m	...
*	44·645	+ 3·723	1·40	42.1097	9·6
..	44·710	+15·490	− 5	...	...
...	+44·872	+27·839	0·65	..	..
...	45·184	+59·972	− 4	.	..
...	45·698	+10·569	− 3		...
†	45·968	−59·474	0·75		...
...	45·993	−38·249	− 3	.	...
601					
...	+46·006	+30·042	− 5	.	...
...	46·605	+14·771	− 3	...	...
.	46·658	− 6·983	0·85	43.1067	10·0
	46·676	+51·953	1·00	42.1098	10·3
...	46·982	−26·551	− 4	m	...
†	+46·990	−19·705	− 3	...	...
...	47·093	− 3·816	− 3	...	..
*	47·111	+ 1·329	1·25	42.1099	9·8
...	47·722	+46·863	− 4	...	...
...	47·906	+15·804	− 4	...	...
611					
...	+47·952	+15·885	0·70	42.1100	10·3
..	47·977	−12·947	− 5	m	...
...	48·040	−50·408	0·70	...	...
...	48·093	−54·421	− 3	...	...
...	48·094	−36·499	− 4	m	...
*	+48·175	+15·081	2·00	42.1101	8·8
*	48·250	−18·543	1·15	43.1068	10·0
...	48·261	+26·313	− 4	...	...
...	48·461	−55·643	− 3		...
...	48·475	+36·172	− 3		...
621					
...	+48·695	+39·592	− 4	...	...
...	48·869	−45·133	− 5	m	...
...	49·280	+ 3·208	− 2	...	...
...	49·385	−21·143	0·90	43.1069	10·0
...	49·621	−47·175	0·70	...	...
..	+49·743	+14·249	− 1	...	...
...	50·130	−39·063	0·70	43.1070	10·0
S *	50·159	+36·797	3·53	42.1102	7·3
...	50·351	−58·598	− 3	...	...
...	50·366	−51·508	0·85	43.1071	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
631–650					
631					
*	+50·521	+26·475	1·90	42.1103	8·8
	50·533	+18·955	− 4	...	...
	51·332	−44·648	1·25	43.1072	9·9
...	51·357	+36·144	− 1	..	...
S	51·426	−51·506	4·58	43.1073	6·8
	52·110	−15·568	− 4	..	...
	52·141	−13·153	0·70	...	...
*	52·385	+25·070	2·40	42.1104	8·5
	52·455	−20·342	1·15	43.1074	10·0
*	52·487	−35·410	1·55	43.1075	9·4
641					
	+52·558	+ 9·203	− 2	...	...
*	52·930	+14·185	1·15	42.1106	10·3
	53·015	+47·532	− 3	...	...
	53·064	+ 6·148	− 4	..	...
*	53·137	+34·263	1·10	42.1105	10·2
	+53·184	−40·062	− 5	*m*	...
..	53·211	−22·825	− 3	*m*	...
*	53·427	−48·404	1·45	43.1077	9·5
*	53·463	+16·009	1·40	42.1107	9·6
	53·469	+14·269	− 4	...	...
651–670					
651					
...	+53·640	+59·765	0·90	41.1144	10·2
...	53·666	+33·242	− 3	..	...
...	53·727	− 8·978	− 4	*m*	...
S	53·849	+29·388	3·28	42.1108	7·2
*	54·117	−14·287	1·35	43.1076	9·7
	+54·262	+16·646	− 4	...	...
...	54·455	−44·777	0·80	43.1080	10·0
*	54·540	− 8·945	1·30	43.1078	10·0
	54·652	+16·603	− 5	*m*	...
	54·756	+ 5·412	− 4	...	...
661					
*	+54·891	−17·221	1·20	43.1079	9·9
..	55·124	+34·109	0·85	42.1109	10·3
*	55·139	− 8·864	1·10	...	...
	55·319	+18·028	− 2	...	...
...	55·331	−20·575	− 5	*m*	...
	+55·425	−50·772	1·30	43.1082	9·6
	55·531	−46·799	1·40	43.1081	9·5
	55·760	− 8·612	0·70	...	...
..	55·995	−53·694	− 5	.	...
...	56·511	−50·059	− 3	...	...
671–690					
671					
...	+56·884	+51·481	0·90	42.1110	10·1
...	56·910	−37·994	− 5	*e*	...
...	57·100	+38·565	0·90	42.1111	10·2
..	57·314	+15·056	− 5	...	...
*	57·375	−31·393	1·30	43.1083	9·6
	+57·712	+52·564	− 5	...	...
...	57·793	−17·922	− 5	*m*	...
†	57·844	+35·139	0·75	42.1112	10·3
...	57·851	+14·377	− 2	...	...
...	58·358	−45·106	− 4	*e*	...
681					
...	+58·382	−34·787	− 5	*m*	...
...	58·823	+32·761	− 2	...	...
...	58·932	+37·002	− 2	...	...
..	58·937	+51·861	− 5	..	..
...	58·995	+12·796	− 5	...	...
..	+59·195	+ 8·616	− 5	...	...
*	59·354	+53·692	2·80	42.1113	8·6
...	59·393	+20·941	− 5	...	...
...	59·432	+56·418	− 5	...	...
...	60·009	+56·537	0·90	42.1114	10·3

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
1–30					
1					
*	−60·011	+26·339	2·00	42.1103	8·8
...	59·711	−21·290	0·90	43.1069	10·0
	59·451	+36·068	− 2	..	..
.	58·701	−47·312	− 2	.	.
...	58·438	−39·182	− 2	43.1070	10·0
	−58·128	+47·448	− 4	..	...
*	58·094	+24·989	2·25	42.1104	8·5
	57·873	+59·701	0·75	41.1144	10·2
.	57·827	−51·613	− 2	43.1071	10·0
	57·605	+34·201	1·10	42.1105	10·2
11					
	−57·451	+ 9·128	− 4	...	...
	57·224	−13·229	0·70	...	...
*	57·218	+14·127	1·10	42.1106	10·3
	57·065	−44·721	1·15	43.1072	9·9
.	57·046	+33·192	− 4	.	...
*	−56·754	+ 15·970	1·30	42.1107	9·6
S	56·747	+29·345	3·10	42.1108	7·2
S	56·746	−51·590	5·43	43.1073	6·8
*	56·668	−20·403	1·15	43.1074	10·0
*	56·195	−35·460	1·40	43.1075	9·4
21					
	−55·630	+34·110	0·80	42.1109	10·3
.	55·180	−14·203	1·20	43.1076	9·7
...	54·952	+18·033	− 4	...	.
.	54·928	− 9·944	1·10	43.1078	10·0
*	54·852	−48·425	1·20	43.1077	9·5
	−54·382	+51·525	0·80	42.1110	10·1
	54·336	− 8·549	0·80	...	.
*	54·322	−17·208	1·05	43.1079	9·9
...	53·943	−44·768	− 3	43.1080	10·0
	53·882	+33·620	0·90	42.1111	10·2
31–60					
31					
.	−53·718	− 8·583	− 1	...	...
.	53·574	+52·627	− 5	...	...
	52·933	+35·230	− 2	42.1112	10·3
*	52·821	−46·756	1·40	43.1081	9·5
.	52·801	−50·735	1·20	43.1082	9·6
...	−52·347	+51·958	− 5	...	...
.	52·315	+14·454	− 3	...	...
.	51·979	+53·801	2·40	42.1113	8·6
	51·910	+37·102	− 3	...	...
..	51·891	+32·856	− 4	...	...
41					
.	−51·736	−49·987	− 5	...	...
...	51·696	−37·916	− 5	E	...
*	51·426	−31·269	1·10	43.1083	9·6
.	51·407	+56·663	− 1	42.1114	10·3
	51·128	+12·914	− 5	.	...
.	−50·970	+21·073	− 5	.	
..	50·812	+ 8·739	− 5		...
	50·714	+54·662	− 5		...
+	50·274	+34·715	1·05	42.1115	10·1
...	50·014	−44·971	− 5	E	...
51					
*	−49·930	+35·579	1·25	42.1116	9·6
*	49·492	+59·675	1·40	41.1151	9·4
...	47·793	− 2·131	− 3	M	...
	47·746	−13·808	− 5	M	...
	47·462	−48·342	− 3	43.1084	10·0
.	−47·309	+31·621	− 4	...	...
S	47·257	+ 0·382	2·10	42.1117	8·8
	46·990	+59·525	− 5	..	...
...	46·931	− 8·621	− 1	...	...
...	46·924	+31·658	− 5	...	...
61–90					
61					
...	−46·387	−50·915	− 5	..	...
...	46·304	+54·870	− 2	...	...
...	46·145	−24·386	− 2	...	...
...	46·085	+ 0·787	− 1	...	...
...	46·066	+15·039	− 5	...	.
...	−45·887	− 9·822	0·70		...
...	45·841	+22·738	− 2		...
...	45·538	−52·842	− 4	...	.
...	45·152	−37·324	− 2	..	..
*	45·144	+52·071	1·15	42.1118	10·0
71					
..	−44·643	+28·087	− 1	...	...
...	44·501	−11·875	0·80	43.1085	10·0
...	44·497	− 4·100	− 5	M	...
...	44·164	+17·686	− 4	..	..
...	44·134	+23·264	− 4	.	..
...	−44·133	+44·232	− 5	.	..
...	44·018	+35·276	− 4		.
...	43·777	−20·646	− 1	...	...
...	43·435	−11·821	− 1	...	...
*	43·409	+ 4·544	1·10	42.1119	10·1
81					
..	−43·157	+12·855	− 1	...	...
...	42·895	+22·607	0·90	42.1120	10·3
...	42·672	+58·284	0·80	41.1154	10·0
...	42·333	+ 5·698	− 5	...	...
...	42·209	−23·926	− 5	M	..
...	−42·119	−58·596	− 3	...	...
...	42·100	−54·195	− 3	...	...
...	41·887	−23·153	− 5	M	...
*	41·755	+20·876	1·15	42.1121	9·8
...	41·209	+48·540	− 5	...	...

CH measured from 1, 214, 438.
B .. .. 95, 323, 535.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′.	″	2.	No	Mag.
91-150					
91					
...	−41′146	−39′236	− 5	° M	...
S *	41·135	+45·448	2·60	42.1122	8·2
...	40·910	+ 1·287	0·85	...	...
...	40·794	+23·633	− 2	...	...
†	40·284	−13·095	0·80	43.1087	10·0
‡	−40·265	−52·537	1·20	43.1086	9·5
...	40·219	+ 3·033	− 5	...	...
*	39·938	−35·637	1·30	43.1088	9·2
*	39·683	+ 0·906	2·00	42.1123	8·6
..	39·476	+22·303	− 5	...	...
101					
*	−39·213	+15·749	1·00	42.1124	10·2
*	39·211	−16·223	1·00	43.1089	9·9
...	39·154	+46·053	− 2	...	...
...	39·096	+53·745	− 2	...	...
...	39·041	− 1·454	− 4	...	...
...	−38·944	+39·239	− 3	...	...
...	38·790	−19·596	− 5	M	...
*	38·775	−53·342	1·10	43.1090	9·6
...	38·339	−33·949	− 5	M	...
...	38·221	−23·950	0·75	43.1091	10·0
111					
...	−38·173	−41·532	− 2	...	...
...	38·004	+ 2·932	− 5	...	...
...	37·557	−25·812	− 5	M	...
...	37·494	−20·806	− 5	M	...
*	37·432	+22·720	2·00	42.1125	8·6
...	−37·367	−39·776	− 3	...	...
*	36·725	+36·584	1·15	42.1126	9·6
*	36·397	−30·948	1·00	43.1093	9·8
†	36·384	−34·670	− 5	M	...
*	36·370	−14·480	1·00	43.1094	9·8
121					
S *	−36·209	−52·231	2·80	43.1092	8·2
...	36·175	−40·431	− 2	...	...
...	36·077	− 7·680	0·80	43.1096	10·0
...	35·999	−43·805	− 1	43.1095	10·0
...	35·868	−43·491	− 5	...	...
...	−35·547	−25·985	0·75	...	...
...	35·465	+29·538	− 5	...	...
...	35·137	−43·679	− 5	M	...
...	34·753	− 2·965	0·90	...	...
...	34·701	−40·275	− 4	M	...
131					
...	−34·450	+51·638	− 5	...	...
...	34·432	−21·461	0·90	43.1097	10·0
...	33·911	−33·717	− 2	43.1098	10·0
...	33·772	−12·001	− 5	M	...
...	33·738	−17·422	− 3	...	...
...	−33·616	−36·898	− 3	...	...
...	33·249	+17·075	0·70	...	...
*	33·170	−29·308	1·60	43.1099	8·8
...	32·956	+ 7·420	− 5	...	...
...	32·605	+26·113	− 3	...	...
141					
...	−32·506	+58·743	− 5	...	...
...	32·459	−29·206	− 5	M	...
...	32·424	− 6·400	− 1	...	...
...	32·175	+11·586	− 2	...	...
*	32·149	− 6·433	1·05	43.1100	9·7
...	−32·127	+27·472	0·70	...	...
...	31·949	+42·384	− 5	...	...
N n	31·908	−30·177	− 3	43.1101	10·0
*	31·838	+29·926	1·00	42.1127	10·3
N n	31·836	−30·219	− 3	43.1101	10·0

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′.	″	2.	No.	Mag.
151-210					
151					
...	−31′597	+17′793	− 3	...	...
...	31·476	+41·343	− 2	...	...
...	31·462	+59·152	− 5	...	...
*	31·209	−28·858	1·20	43.1102	9·2
...	31·140	−28·977	− 4	...	...
...	−31·096	−42·511	− 5	M	...
...	30·999	+ 6·100	− 4	...	...
...	30·974	−13·442	− 1	...	...
...	30·816	− 1·679	− 5	M	...
*	30·579	− 8·541	1·40	43.1103	9·1
161					
...	−30·508	+ 6·099	− 3	...	...
..	30·275	+31·509	− 5	M	...
...	30·075	+29·112	− 3	...	...
...	29·744	−21·670	− 5	M	...
...	29·557	−44·703	− 5	M	...
...	−29·287	− 0·916	− 2	...	...
*	29·255	+ 8·488	1·00	42.1128	10·3
...	29·255	−50·325	− 3	...	...
...	28·862	−51·284	− 1	...	...
...	28·701	−32·124	0·80	43.1104	10·0
171					
...	−28·640	−25·355	− 5	M	...
...	28·398	−48·057	− 5	M	...
...	28·363	+20·869	− 4	...	...
...	27·894	+42·531	− 2	...	...
...	27·685	+26·326	0·65	...	...
...	−27·538	−40·781	− 5	M	...
...	27·076	+ 3·815	− 5	...	...
...	26·863	−37·531	− 1	...	...
...	26·862	+11·027	− 3	...	...
...	26·646	+34·632	− 5	...	...
181					
...	−26·535	− 9·833	− 5	M	...
...	26·363	+ 4·711	− 5	...	...
*	26·129	+51·259	1·00	42.1129	10·3
...	25·884	+48·857	− 5	...	...
...	25·882	− 9·398	− 4	...	...
...	−25·835	−45·715	− 5	M	...
...	25·762	+23·990	− 5	...	...
*	25·679	+41·642	1·00	42.1130	10·3
...	25·654	−46·152	− 5	M	...
...	25·637	−22·266	0·80	43.1105	10·0
191					
†	−25·352	+22·458	− 4	...	...
...	25·092	+13·298	0·80	...	...
...	24·951	+23·722	− 5	...	...
...	24·902	−52·818	− 3	...	...
...	24·716	+28·040	− 1	...	...
...	−24·365	−31·077	− 5	M	...
*	24·305	+46·872	1·50	42.1131	9·1
...	23·988	+37·593	− 3	...	...
*	23·833	+52·291	1·20	42.1133	10·1
*	23·689	+10·426	1·30	42.1132	9·4
201					
...	−23·660	+35·702	− 5	...	...
*	23·487	−57·808	1·05	42.1134	10·3
...	23·344	−36·236	− 5	M	...
...	23·342	− 3·287	− 5	M	...
...	23·251	−15·814	− 5	M	...
...	−23·139	−17·284	0·70	...	...
...	22·888	−14·126	− 1	...	...
...	21·693	− 1·869	− 5	M	...
...	21·516	+32·384	− 3	...	...
...	20·973	− 3·921	− 5	M	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′.	″	2.	No.	Mag.
211-270					
211					
...	−20′630	−54′467	− 5	° ...	...
...	20·605	+27·916	− 1	...	...
†	20·447	−30·909	− 3	A	...
...	20·158	+49·314	− 5	...	...
...	19·995	− 9·393	− 3	...	...
...	−19·790	+29·260	− 4	...	...
...	19·725	+57·171	− 1	42.1135	10·1
...	19·150	+26·681	− 3	...	...
...	18·762	+44·323	− 2	...	...
...	18·731	− 6·674	− 5	M	...
221					
*	−18·149	+55·372	2·00	42.1136	8·6
...	18·138	+52·975	− 5	...	...
...	17·990	−42·884	− 5	M	...
...	17·930	−40·472	− 1	...	...
*	17·772	+ 4·688	1·15	42.1137	10·1
...	−17·736	−18·058	− 5	...	...
...	17·705	−42·561	− 5	M	...
...	17·292	+44·513	− 3	...	...
*	16·306	−37·885	1·50	43.1107	9·0
...	16·128	−55·182	0·85	43.1108	10·0
231					
...	−15·586	−27·122	− 3	...	...
...	15·229	−55·676	− 2	...	...
*	14·995	−17·377	1·15	43.1109	9·8
...	14·969	−28·103	− 3	...	...
...	14·788	−50·661	0·85	43.1110	9·9
...	−14·511	−27·391	− 4	...	...
...	14·505	−43·066	− 5	M	...
...	14·194	−15·135	− 5	M	...
...	14·008	−18·459	− 4	...	...
...	13·599	−17·516	− 4	M	...
241					
...	−13·508	− 9·020	− 3	...	...
...	13·448	−38·818	− 4	...	...
..	13·439	+44·289	− 5	...	...
...	13·374	−13·048	− 1	...	...
...	13·361	+11·598	0·70	42.1138	10·3
...	−13·324	+22·541	− 5	...	...
*	13·134	−50·803	1·20	43.1112	9·4
*	12·113	−54·714	1·70	43.1113	9·0
*	11·898	−50·544	1·20	43.1114	9·6
...	11·791	−18·626	− 4	M	...
251					
...	−11·455	+31·858	− 4	...	...
*	11·378	+44·784	1·50	42.1139	9·1
...	11·202	+18·108	− 5	...	...
...	10·992	+ 3·833	− 3	...	...
*	10·930	+25·029	1·35	42.1140	9·6
...	−10·875	− 5·798	− 4	...	...
...	10·835	+13·939	0·80	...	...
*	10·750	−27·710	1·45	43.1115	9·4
‡	10·406	−35·755	1·00	43.1116	9·6
*	10·245	−15·993	1·10	43.1117	9·7
261					
...	−10·187	+ 1·504	− 4	...	...
...	9·788	−16·467	− 5	...	...
...	9·523	+36·291	− 5	...	...
...	9·474	+18·498	− 5	...	...
...	9·307	−59·425	− 3	A	...
...	− 9·274	+28·470	− 5	...	...
...	9·244	−30·402	− 4	M	...
...	8·825	+32·801	− 5	M	...
*	8·749	−34·565	1·60	42.1141	8·9
...	8·669	− 2·287	− 5	M	...

148, 150, 44 12, mass. C.P.D. mass.

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
271–330					
271					
...	− 8·092	+ 9·918	− 2	...	...
...	8·580	−47·155	− 4	M	...
*	8·461	+35·540	1·05	42.1142	10·1
...	8·340	+18·279	− 5	M	...
...	8·297	−36·639	− 4	M	...
...	− 8·127	+32·693	− 5	...	...
*	8·002	−36·934	1·10	43.1118	10·0
...	7·992	+ 6·005	− 5	M	...
...	7·778	+18·834	− 5	M	...
...	7·768	−22·274	− 5	M	...
281					
...	− 7·593	−52·910	− 2	43.1119	10·0
...	7·588	+20·956	− 1	...	...
*	7·109	+ 4·009	1·00	42.1143	10·3
S *	6·941	− 5·340	2·35	43.1120	8·4
...	6·814	−56·935	− 4	...	...
...	− 6·744	+23·306	− 5	...	...
...	6·739	−18·220	− 3	...	...
...	6·672	+21·627	− 1	...	...
...	6·250	−15·391	− 5	M	...
...	6·036	−33·774	− 5	M	...
291					
*	− 6·006	+19·286	1·20	42.1144	10·1
*	5·777	−39·237	3·25	43.1121	7·3
†	5·540	+34·529	− 4	...	...
†	5·382	−17·478	− 5	M	...
†	5·361	−15·139	− 4	M	...
†	− 5·287	+15·286	0·80	42.1145	10·1
...	4·514	+12·039	− 4	M	...
...	3·597	+57·762	− 5	...	...
...	3·585	−42·836	− 1	43.1122	10·0
*	3·493	+31·734	3·00	42.1146	7·5
301					
...	− 3·486	+14·836	0·70	...	...
...	3·351	−19·894	− 4	...	...
*	3·248	+51·663	2·10	42.1147	8·6
...	3·081	− 1·755	− 5	M	...
...	2·983	−51·354	0·95	43.1123	10·0
...	− 2·923	+ 8·883	0·75	...	...
...	2·888	+31·082	0·90	42.1148	10·0
...	2·866	+ 7·249	− 2	...	...
...	2·684	+12·221	0·80	...	...
...	2·657	− 1·167	− 4	M	...
311					
...	− 2·594	−37·821	− 5	M	...
...	2·493	−19·852	− 3	43.1124	10·0
S *	2·259	+19·774	1·20	42.1149	9·6
...	2·197	− 7·840	− 3	M	...
*	2·181	+19·084	1·05	42.1150	10·0
*	− 2·064	+ 9·806	1·05	42.1151	10·1
*	1·506	+21·883	1·20	42.1153	9·6
*	1·368	+54·793	1·15	42.1152	10·1
*	1·335	−51·789	1·20	43.1125	9·7
...	1·302	+48·896	0·70	42.1154	10·0
321					
...	− 0·234	−38·975	− 5	M	...
...	0·210	−30·443	0·75	...	...
*	0·159	+55·924	2·00	42.1155	9·0
...	0·145	−55·200	− 4	M	...
...	0·141	+26·148	− 5	...	...
...	− 0·111	−49·226	− 4	M	...
*	+ 0·084	+35·942	2·00	42.1156	8·8
...	0·102	+17·622	− 5	...	...
...	0·531	−14·558	− 4	M	...
*	0·945	−31·117	1·20	43.1126	9·8
331–390					
331					
...	+ 0·850	−30·775	− 4	M	...
...	0·858	−29·315	− 4	M	...
...	0·881	+12·698	− 5	M	...
...	0·924	− 4·579	0·80	43.1127	10·0
...	1·016	+11·628	− 5	M	...
...	+ 1·305	−10·278	− 5	M	...
...	1·667	+40·809	− 3	...	...
...	1·820	+14·185	− 3	...	...
...	1·905	+51·212	− 5	...	...
*	1·954	− 9·597	1·00	43.1128	9·6
341					
...	+ 2·361	+37·979	− 5	...	...
*	2·550	+14·971	1·00	42.1157	10·0
...	2·722	+28·226	− 5	M	...
*	2·747	−43·812	1·15	43.1129	9·5
...	2·845	+23·600	− 5	...	...
...	+ 2·993	+47·594	0·90	...	...
*	2·993	−54·249	1·00	43.1130	9·9
...	3·264	+32·849	− 5	M	...
...	3·321	+48·255	− 5	...	...
*	3·821	− 2·876	1·80	43.1131	9·0
351					
...	+ 3·898	−13·460	0·70	43.1132	10·0
...	4·052	+27·496	0·70	...	...
*	4·101	+23·811	1·15	42.1158	9·9
...	4·147	−30·659	0·70	...	...
...	4·285	− 3·139	0·80	43.1133	10·0
...	+ 4·337	−44·353	− 5	M	...
...	4·413	−28·642	0·70	43.1134	10·0
...	4·740	−43·086	− 3	...	...
...	5·009	+49·786	− 3	...	...
...	5·275	+ 5·067	− 4	...	...
361					
*	+ 5·387	− 4·285	1·00	43.1135	9·9
...	5·432	+20·421	− 4	...	...
*	5·808	+59·930	1·10	41.1200	10·0
...	6·091	+22·844	− 5	...	...
...	6·129	−20·603	− 5	...	...
*	+ 6·336	+48·435	1·10	42.1159	10·0
...	6·659	− 1·925	− 2	...	...
*	6·694	−36·206	1·10	43.1136	9·5
...	6·734	+49·038	− 3	...	...
...	7·123	+18·459	− 3	...	...
371					
...	+ 7·062	−41·806	− 3	...	...
...	7·525	− 3·006	− 5	...	...
.	7·906	−57·305	0·70	43.1138	10·0
...	8·304	+29·351	− 4	...	...
...	8·315	+36·624	− 5	...	...
S *	+ 8·375	−56·832	1·90	43.1139	8·8
...	8·440	+34·889	− 4	...	...
...	8·675	−15·734	− 4	...	...
*	8·796	− 5·535	1·00	43.1140	10·0
...	8·887	−36·776	− 4	...	...
381					
*	+ 8·937	+ 7·608	1·00	42.1160	10·0
.	9·102	−34·907	− 5	...	...
.	9·258	+52·066	− 5	...	...
‡	9·404	− 3·194	1·00	43.1141	9·9
	9·664	−54·661	− 4	...	...
...	+ 9·910	−44·088	− 5	...	...
...	10·327	−45·482	0·70	...	...
..	10·652	− 4·339	− 5	...	...
.	10·674	+18·620	0·70	...	...
...	10·761	− 0·539	− 3	...	...
391–450					
391					
*	+10·923	−47·121	1·00	43.1142	9·8
...	11·093	−48·425	− 3	...	...
...	11·137	+44·486	− 5	...	...
...	11·304	−20·195	− 5	...	...
...	11·351	−22·551	− 3	...	...
...	+11·681	+42·513	0·75	...	...
...	12·107	+13·934	− 2	...	...
...	12·459	− 4·351	− 5	...	...
...	12·576	+30·888	− 4	...	...
S *	12·929	+54·736	3·00	42.1161	8·2
401					
*	+13·616	−14·488	1·00	43.1143	9·9
*	13·665	+ 8·577	1·20	42.1162	9·6
...	13·960	+17·101	− 5	...	...
...	14·020	+13·185	− 4	...	...
...	14·054	+56·885	0·90	...	...
‡	+14·521	−46·585	1·20	43.1144	9·4
*	15·026	−50·799	1·20	43.1145	9·6
*	15·452	+ 3·743	1·20	42.1163	9·4
...	15·536	+21·343	− 2	...	...
...	15·566	−41·987	− 5	...	...
411					
...	+15·678	+25·948	− 4	...	...
*	15·837	+11·314	1·00	42.1164	10·0
...	15·838	+26·257	− 5	...	...
...	15·844	−19·260	− 4	...	...
*	15·878	−46·769	1·00	43.1146	10·0
...	+16·113	+26·469	0·90	...	...
...	16·122	−12·784	− 1	...	...
...	16·139	+54·839	− 4	...	...
‡	16·282	−54·496	1·00	43.1147	9·9
...	16·306	+32·427	− 5	...	...
421					
...	+16·534	+44·704	− 3	...	...
*	16·545	+59·644	1·30	41.1207	9·6
...	16·687	+34·159	0·70	...	...
...	16·712	−48·246	− 5	...	...
*	16·754	+51·525	1·20	42.1165	9·6
...	+16·933	−42·814	− 5	...	...
...	16·958	+ 6·925	− 4	...	...
...	17·308	+ 8·261	− 4	...	...
...	17·439	+26·515	− 3	...	...
...	17·664	+24·941	− 5	...	...
431					
...	+17·794	+39·638	− 3	...	...
*	17·955	+53·263	1·40	42.1166	9·3
...	17·955	+28·818	− 4	...	...
...	18·085	+43·454	− 4	...	...
...	18·290	+50·453	− 4	...	...
...	+19·053	+30·333	− 2	...	...
†	19·418	+50·766	− 1	...	...
...	19·664	+33·500	− 4	...	...
*	20·160	−50·225	1·15	43.1148	9·7
*	20·450	− 0·830	1·05	42.1167	10·0
441					
...	+20·943	+14·601	− 3	...	...
...	20·974	+21·806	− 3	...	...
...	21·046	− 8·088	− 5	...	...
...	21·149	−56·606	− 3	...	...
...	21·587	−10·199	− 5	...	...
S *	+21·599	+15·376	1·95	42.1168	8·6
...	21·696	+36·960	− 3	...	...
...	21·731	− 6·188	− 2	...	...
...	21·749	−21·995	− 4	...	...
*	21·848	−58·526	1·20	43.1150	9·5

451–510

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. −z.	C.P.D. No.	C.P.D. Mag.
451					
...	+22·052	+ 1·119	− 5	...	...
...	22·462	−38·062	− 5	...	...
...	22·475	− 0·975	− 2	...	...
...	22·795	− 4·586	− 5	...	...
...	22·818	+ 3·894	− 5	...	...
...	+23·152	+25·584	− 5	...	...
...	23·624	+27·079	− 5	...	...
...	23·626	+40·502	− 2	...	...
...	23·704	−23·770	0·90	43.1151	10·0
...	24·123	−40·656	− 2	...	...
461					
...	+24·429	−38·729	− 5	...	...
...	24·656	+36·777	− 3	...	...
...	24·686	+31·942	− 3	...	...
*	24·900	+34·281	1·00	42.1169	10·0
*	25·033	−21·600	2·40	43.1152	8·5
...	+25·122	+23·940	− 4	...	...
...	25·331	+ 7·053	− 3	...	...
...	25·441	−28·292	− 5	...	...
*	25·574	−43·685	1·20	43.1153	9·6
...	25·996	−53·917	− 1	43.1156	9·9
471					
...	+26·174	− 9·815	0·80	43.1155	10·0
*	26·225	− 6·902	1·10	43.1154	9·8
...	26·408	−24·253	− 1	...	...
...	26·475	+11·259	− 5	...	...
...	26·584	+48·085	− 3	...	...
...	+26·890	+ 4·648	− 3	...	...
...	27·683	+35·443	− 4	...	...
...	27·889	+ 1·163	− 5	...	...
...	28·314	+27·983	− 2	...	...
...	28·314	−32·361	− 4	...	...
481					
...	+28·583	+ 0·555	− 5	...	...
*	28·799	−22·515	1·20	43.1157	9·6
*	29·194	−56·300	1·25	43.1158	9·6
†	29·475	+18·011	− 5	...	...
...	29·495	+24·255	− 5	...	...
...	+29·854	− 8·501	− 3	...	...
...	29·971	−18·445	− 2	...	...
...	30·012	−28·729	− 5	...	...
...	30·413	−13·788	− 3	...	...
...	30·455	−36·239	− 3	...	...
491					
...	+30·493	−30·905	− 3	...	...
...	30·784	−42·401	0·65	43.1159	10·0
†	30·909	−14·671	− 3	...	...
...	31·097	+39·207	− 2	...	...
...	31·710	+24·228	− 5	...	...
...	+31·869	−28·396	− 3	...	...
...	32·102	+ 7·869	− 5	...	...
...	32·140	+ 9·821	− 4	...	...
*	32·193	−49·084	1·20	43.1160	9·7
...	33·076	−22·586	− 5	...	...
501					
...	+33·172	−21·561	− 4	...	...
...	33·350	+ 5·816	− 5	...	...
...	33·628	+25·888	− 5	...	...
...	33·743	−13·271	0·85	43.1161	10·0
...	33·955	+27·306	− 5	...	...
...	+33·965	−17·933	− 4	...	...
...	34·046	+41·496	− 4	...	...
...	34·073	+30·718	0·70	...	...
...	34·108	−21·743	− 3	...	...
...	34·295	+53·967	− 2	...	...

511–570

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. −z.	C.P.D. No.	C.P.D. Mag.
511					
...	+34·804	+53·832	− 5	...	...
...	34·991	−35·173	− 2	...	...
...	35·020	−43·892	− 3	...	...
...	35·028	+22·475	− 5	...	...
*	35·070	+25·880	1·05	42.1171	10·0
.	+35·086	−56·189	− 5	...	...
...	35·149	− 3·459	− 5	...	...
...	35·261	+28·963	− 4	...	...
...	35·350	+54·678	− 2	42.1170	10·0
*	35·731	+52·138	1·30	42.1172	9·4
521					
...	+35·797	+28·442	− 3	...	...
...	36·252	+23·304	− 5	...	...
...	36·755	+24·939	− 5	...	...
*	37·412	−56·171	1·00	43.1162	9·9
...	37·688	+ 7·653	− 3	...	...
...	37·784	−42·449	− 3	...	...
...	38·205	+ 5·342	− 2	...	...
...	38·220	−17·028	− 1	...	...
...	38·276	+ 0·610	− 3	...	...
*	38·459	+43·215	1·40	42.1173	9·4
531					
*	+38·627	+37·387	1·20	42.1174	9·8
...	39·148	+59·110	− 3	...	...
*	39·252	+45·453	1·15	42.1175	9·8
.	39·420	−19·339	1·20	43.1163	9·4
...	39·745	−34·032	− 5	...	...
...	+39·820	+14·709	− 5	...	...
...	40·275	− 0·337	0·90	a	...
*	40·310	− 4·310	1·25	43.1164	9·4
...	40·383	−19·715	0·80	43.1165	10·0
...	40·398	+33·227	− 3	...	...
541					
*	+40·546	+ 3·527	1·20	42.1177	9·6
...	40·759	+17·885	− 5	...	...
...	40·893	−43·887	− 5	...	...
*	40·907	−20·687	1·10	43.1166	9·6
...	41·203	+27·119	− 3	...	...
...	+41·113	+51·686	0·70	42.1176	10·0
...	41·115	+12·509	− 4	...	...
...	41·310	+19·398	0·70	...	...
*	41·426	+40·476	1·00	42.1178	9·8
...	41·604	+47·621	0·85	...	...
551					
a	+42·008	− 0·155	0·90	42.1179	10·0
...	42·170	+ 4·137	− 4	...	...
...	42·238	+ 0·181	− 5	m	...
*	42·599	+20·137	1·00	42.1180	10·0
...	42·707	+52·429	− 5	...	...
...	+42·731	−21·396	0·70	43.1167	10·0
...	42·992	−13·967	− 5	...	...
...	43·052	−37·034	− 2	...	...
...	43·453	+52·358	− 5	...	...
...	43·678	−33·459	− 4	...	...
561					
...	+43·838	+53·234	− 5	...	...
..	44·121	−36·713	− 2	...	...
‡	44·527	+21·103	1·20	42.1181	9·4
*	44·759	−10·439	1·30	43.1168	9·2
...	44·920	−48·706	− 5	...	...
...	+44·955	+13·737	0·90	42.1182	10·0
...	45·024	+45·908	− 5	...	...
...	45·028	+ 7·625	− 5	...	...
...	45·349	+31·954	− 5	m	...
*	45·422	−30·853	1·00	43.1170	9·9

571–630

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
571					
S *	+45·485	−15·777	3·40	43.1169	6·8
...	45·743	+51·325	0·70	...	...
...	46·171	+10·081	− 3	...	...
...	46·399	−12·274	− 2	...	...
S *	46·435	+30·494	3·30	42.1183	7·4
...	+46·650	+ 2·200	− 5	m	...
*	46·658	−25·841	1·50	43.1171	9·0
...	46·968	+35·811	− 5	m	...
*	47·121	+ 2·740	1·30	42.1184	9·4
...	47·195	+ 5·887	− 5	...	...
581					
...	+47·334	−24·960	− 5	...	...
...	47·619	+21·154	− 3	...	...
...	47·655	+54·451	− 5	...	...
...	47·702	−15·698	− 5	...	...
*	47·742	−36·558	1·20	43.1172	9·6
...	+47·830	+11·232	− 5	...	...
...	48·866	+49·565	− 5	...	...
...	48·902	−43·652	0·80	43.1173	10·0
†	49·308	+40·782	− 4	...	...
...	49·721	+13·713	0·70	...	
591					
...	+49·791	+13·381	− 5	...	...
...	50·087	−52·787	− 5	...	...
...	50·445	−56·516	− 5	...	...
...	50·810	−10·623	− 4	...	...
*	50·873	+30·655	1·30	42.1185	9·4
...	+51·586	+44·699	− 5	...	...
...	52·158	−11·517	− 4	...	...
...	52·268	− 7·815	− 2	...	...
*	52·991	+22·085	1·30	42.1186	9·5
...	53·048	− 8·714	− 5	...	...
601					
...	+53·116	+55·675	− 3	...	...
...	53·253	+ 1·366	− 3	...	...
...	53·290	− 3·853	0·70	...	...
...	53·365	−46·496	− 3	...	...
...	53·835	+11·422	− 5	...	...
*	+54·027	−18·194	1·30	43.1174	9·6
...	54·090	+10·171	− 3	...	...
†	54·415	−13·993	0·90	43.1175	10·0
...	54·504	−22·496	− 4	...	...
...	54·581	− 3·082	− 5	m	...
611					
...	+54·752	+57·477	− 5	...	...
...	54·927	− 2·178	− 5	...	...
...	55·308	−32·288	− 4	...	...
...	55·510	+22·543	− 5	...	...
*	55·605	−13·100	1·20	43.1176	9·6
...	+56·095	+37·162	− 5	...	...
...	56·095	+ 2·333	− 5	...	...
...	56·434	+41·445	− 5	...	...
...	56·498	−54·276	0·80	43.1178	10·0
*	56·643	−53·168	1·20	43.1179	9·6
621					
...	+56·650	+ 8·710	− 4	...	...
...	56·653	− 7·132	− 3	...	...
...	56·777	+12·811	− 4	...	...
*	57·027	−20·296	1·45	43.1177	9·4
..	57·717	−22·589	0·70	...	...
...	+57·733	− 4·269	− 4	...	...
...	57·965	+12·112	− 4	...	...
...	57·983	−23·626	− 5	...	...
...	58·679	+ 8·036	− 3	...	...
...	58·731	+ 3·812	0·70	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
		631-634			
631					
...	+58·746	−15·511	−3	...	...
S *	59·047	−27·548	1·50	43.1180	9·2
...	59·188	+ 4·878	−1	...	...
...	59·264	−13·096	−4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. .	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
		1-40			
1					
...	−58·624	−10·730	−5	...	...
...	58·281	+55·588	−5	...	...
*	57·405	+22·023	1·30	42.1186	9·5
...	57·235	−11·586	−5	...	...
...	57·231	− 2·885	−2	...	...
...	−56·724	+57·441	−4	...	...
...	56·546	+ 1·257	−4	...	...
...	56·427	− 8·769	−5	...	...
...	56·331	− 3·900	0·75	...	...
..	55·974	+10·148	−4	...	...
11					
†	−55·852	−47·571	−5	...	...
*	55·175	−18·205	1·20	43.1174	9·6
...	54·925	+22·566	−5	...	...
*	54·915	−11·086	1·00	43.1175	10·0
...	54·789	−46·513	−2	...	...
...	−54·781	+37·174	−5	...	...
...	54·574	−22·499	−4	...	...
...	54·565	+41·473	−5	...	...
*	53·743	−13·071	1·35	43.1176	9·6
...	53·727	+ 2·362	−5	...	...
21					
...	−53·479	−32·257	−4	...	...
...	53·378	+ 8·769	−4	...	..
...	53·373	+12·869	−5	...	...
...	52·889	− 7·067	−2	...	...
...	52·141	+12·219	−4	...	...
*	−52·060	−20·224	1·60	43.1177	9·4
...	51·879	− 4·184	−5	...	...
...	51·822	−54·208	0·85	43.1178	10·0
*	51·[illegible]	−53·[illegible]	1·10	43.1179	9·6
...	51·353	−22·5[illegible]	0·80	...	...
31					
...	−51·313	+ 8·155	0·70	...	...
...	51·[illegible]	+ 3·[illegible]	−5	...	..
...	51·122	+ 3·028	0·85	..	..
...	51·034	−23·524	−5	..	...
...	50·[illegible]	− 5·204	−1	...	...
...	−5[illegible]	+38·612	−5	...	...
...	50·541	−15·394	−4	...	...
...	50·246	+ 3·751	0·65	...	...
...	5[illegible]	−13·[illegible]	0·65	..	...
...	50·084	−12·958	−[illegible]	.	...
		41-80			
41					
S *	−49·860	−27·410	1·70	43.1180	9·2
*	49·213	+44·400	1·20	42.1187	9·8
...	49·083	+36·312	−5	...	...
...	48·847	−30·687	0·80	43.1181	10·0
...	48·808	− 3·245	−1	...	...
...	−48·661	+11·850	−5	...	...
...	48·556	+14·396	0·85	...	...
...	48·305	−11·839	−5	...	...
...	47·828	−18·193	0·70	43.1182	10·0
...	47·561	+ 6·297	0·70	...	...
51					
...	−47·476	−27·881	−5	...	...
...	47·281	−10·426	0·75	...	...
...	47·187	+31·752	0·70	...	...
...	47·103	+53·480	0·90	42.1189	10·0
..	47·093	+40·060	−5	...	...
S *	−47·045	+35·881	2·05	42.1188	8·9
*	46·766	− 3·113	1·35	43.1183	9·8
...	46·726	− 3·539	−5	...	...
...	46·458	−44·828	−5	...	...
...	46·439	+36·457	−5	...	...
61					
†	−46·304	+60·067	−3	...	...
*	46·134	−25·670	2·00	43.1184	8·8
...	46·127	+31·992	−5	...	...
*	45·842	+48·351	5·00	42.1190	6·3
...	45·667	−24·897	−4	..	...
...	−45·635	− 0·257	−5	a	...
...	45·508	−27·828	−5	...	...
*	45·498	+34·855	1·20	42.1191	10·0
†	45·183	−44·666	−5	...	...
...	44·913	−11·328	−5	...	...
71					
...	−44·765	−54·417	0·80	43.1185	10·0
n *	44·761	−28·421	4·30	43.1186	7·2
...	44·723	−12·501	−5	...	...
...	44·696	+33·387	−4	..	...
*	44·650	+42·785	1·10	42.1192	9·8
...	−44·498	+ 0·625	−5	...	...
p	44·476	−28·609	3·00	43.1186	7·2
*	44·087	+11·511	1·10	42.1193	10·0
..	42·719	−30·077	0·85	43.1187	10·0
...	42·678	−28·524	−5	...	...
		81-120			
81					
...	−41·927	+33·713	−5	...	...
...	41·694	+42·167	−4	...	...
...	41·415	−28·768	−4	...	...
...	41·326	−13·222	−4	...	...
...	41·279	+13·112	−4	...	...
‡	−41·264	+40·236	1·20	42.1194	9·5
...	41·197	+ 7·083	−1	...	...
...	41·102	+23·200	−5	...	...
...	41·011	+51·333	−5	...	...
*	40·884	+18·543	1·00	42.1195	10·0
91					
...	−40·806	+23·960	−5	..	..
*	40·741	+22·088	2·20	42.1196	8·8
...	40·643	+55·363	0·90	42.1199	10·0
*	40·584	+36·534	1·10	42.1197	10·0
*	40·497	+33·000	2·10	42.1198	8·8
...	−40·112	−35·846	−5	...	...
...	40·049	+23·995	−5	...	...
...	39·870	+17·346	−1	...	...
*	39·727	−35·365	3·00	43.1188	8·1
...	39·656	−34·960	−5	...	...
101					
...	−39·628	−25·999	0·75	43.1189	10·0
...	39·544	+29·919	−5	...	..
‡	39·251	+ 5·313	1·10	42.1200	9·2
...	39·210	−22·411	−5	...	...
...	38·842	+ 1·041	−5	M	...
*	−38·776	+56·017	1·00	42.1201	10·0
...	38·644	+25·407	0·80	...	...
...	38·596	+40·808	−5	...	...
...	38·382	− 0·185	−5	β	...
...	38·364	+ 6·461	−4	...	...
111					
...	−37·986	+32·366	−4	...	...
...	37·855	+44·540	0·70	...	...
...	37·631	−39·108	−5	...	...
S *	37·325	−26·013	2·00	43.1191	8·6
...	37·277	− 5·397	0·65	...	...
...	−37·258	−18·440	−3	...	...
...	37·180	−56·609	−5	...	...
...	36·793	−30·900	−3	...	...
...	36·681	−37·021	0·90	43.1192	10·0
*	36·562	+49·154	1·10	42.1203	9·8

Nmeasured from 1. 221. 464.
B .. .. 103. 338. 573.

72, 77. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
121–180					
121					
...	−36·554	−12·515	− 5	...	...
*	36·469	+36·105	1·00	42.1202	9·9
*	36·406	+49·446	1·70	42.1204	9·1
...	36·263	+27·552	− 1	...	...
...	36·248	+ 2·307	− 5	...	...
...	−35·780	−15·129	− 5	...	...
...	35·569	+36·776	0·85	...	...
...	35·210	−21·993	− 1	...	...
...	35·195	−31·323	− 3	...	...
...	35·044	+21·115	− 5	...	...
131					
...	−34·900	−22·203	− 5	...	...
*	34·602	+28·298	1·05	42.1205	10·0
...	34·567	+21·885	− 5	...	...
...	33·918	−28·222	− 4	...	...
*	33·847	+18·125	1·70	42.1206	9·0
...	−33·829	− 6·979	− 3	...	...
...	33·629	+49·778	− 4	...	...
...	33·625	−55·385	− 4	...	...
*	33·515	+32·508	1·00	42.1207	10·0
...	33·495	−14·126	0·70	43.1193	10·0
141					
N	−33·152	+58·249	− 5	...	...
...	32·631	−16·165	− 5	...	...
*	32·504	+ 9·475	1·00	42.1208	9·9
...	32·125	−39·475	− 5	...	...
...	32·048	−39·312	− 5	...	...
...	−31·986	− 2·484	− 5	...	...
...	31·925	−40·132	− 4	...	...
*	31·428	− 4·809	1·30	43.1194	9·2
...	31·414	+42·980	− 4	...	...
...	31·211	−45·888	− 3	...	...
151					
...	−31·167	+35·092	− 3	...	...
*	31·015	+22·909	1·00	42.1209	10·0
...	30·954	+38·846	− 5	...	...
...	30·706	+45·721	0·70	...	...
...	30·676	+19·261	− 5	...	...
...	−30·525	+14·990	− 5	M	...
*	30·291	+27·909	1·90	42.1210	8·8
*	30·250	+56·497	1·50	42.1211	9·5
...	30·207	−20·638	− 4	...	...
*	29·839	− 3·066	1·20	43.1195	9·6
161					
...	−29·769	+50·945	− 1	..	..
...	29·703	+22·594	− 5	...	...
...	29·546	+26·196	− 5	..	...
†	29·359	−26·052	0·70	..	...
‡	29·055	+ 5·331	1·05	42.1212	9·8
..	−28·866	+24·684	− 1	...	...
...	28·860	+38·847	0·75	..	...
...	28·660	−46·113	− 5	..	...
...	28·491	−49·290	− 4	.	...
...	28·298	− 7·416	− 4	..	...
171					
...	−27·938	−14·759	− 5	...	...
S *	27·633	+ 9·658	2·05	42.1213	8·7
...	27·557	+28·940	− 4	...	...
...	27·293	+28·470	0·70	...	...
...	26·785	−27·857	− 4	...	...
*	−26·623	−12·911	1·00	43.1196	10·0
...	26·296	+34·176	− 1	...	...
*	26·296	+21·853	1·00	42.1214	10·0
...	25·870	−42·488	− 5	...	...
...	25·785	−13·310	− 3	...	...
181–240					
181					
...	−25·728	−37·318	0·65	43.1197	10·0
*	25·395	−51·147	1·00	43.1198	10·0
...	25·297	− 3·815	− 4	...	...
...	25·235	−22·929	− 4	...	...
*	25·131	+48·681	1·00	42.1215	10·0
...	−25·124	−10·930	− 3	...	...
...	25·025	−18·505	− 5	...	...
...	25·008	+28·681	0·65	...	...
S *	24·624	+49·488	3·50	42.1216	7·6
...	24·560	+58·524	− 5	...	..
191					
...	−24·459	−42·907	− 5	...	...
...	24·218	+14·093	− 2	...	...
...	24·152	+28·886	− 5	...	...
*	23·986	−37·370	1·15	43.1199	9·4
...	23·918	− 8·493	− 3	...	...
*	−23·840	+50·416	1·90	42.1217	8·5
†	23·795	+20·225	− 4	...	...
*	23·739	−16·243	1·00	43.1200	10·0
...	23·734	+14·649	− 3	...	...
*	23·439	+ 7·930	1·05	42.1218	9·9
201					
...	−23·308	−26·372	− 5	...	...
...	23·193	+54·821	0·95	42.1219	10·0
...	23·096	+ 7·353	− 4	...	...
...	22·976	− 0·098	− 4	α	...
...	22·892	−29·209	− 2	...	...
...	−22·866	−52·567	− 5	...	...
...	22·863	+ 3·541	− 1	...	...
...	22·219	+ 7·645	− 5	...	...
...	21·891	− 3·568	− 3	...	...
...	21·837	+23·117	− 5	...	...
211					
...	−21·672	+20·732	− 4	...	...
...	21·611	−27·664	− 5	...	...
...	21·585	+25·764	− 5	...	...
...	20·829	−30·722	− 4	...	..
*	20·761	+14·335	1·10	42.1220	9·8
...	−20·641	−51·072	− 4	...	...
...	20·493	+56·200	− 5	...	...
...	20·010	− 9·513	− 5	A	...
...	19·838	−31·582	− 5	...	...
...	19·552	−30·107	0·70	...	...
221					
...	−19·231	−19·974	− 2	...	...
...	19·034	−22·195	− 5	...	...
*	18·964	−27·389	4·10	43.1202	7·1
...	18·864	+ 3·551	− 2	...	...
*	18·672	−24·529	1·00	43.1203	10·0
*	−18·448	+39·399	1·10	42.1221	9·8
...	18·379	−38·315	− 1	43.1204	10·0
...	18·363	+ 8·118	0·65	...	...
...	18·164	+ 1·199	− 5	..	...
...	18·085	+41·857	− 5	...	...
231					
...	−17·860	−19·913	− 2	...	...
...	17·775	−53·526	− 5	...	...
...	17·611	+35·317	− 5	...	...
...	17·419	+11·404	− 3	...	...
*	17·382	+36·038	1·00	42.1222	10·0
...	−17·323	−53·345	− 5	...	...
*	17·235	−12·134	2·00	43.1206	8·8
...	17·112	+54·379	− 5	...	...
*	17·099	+42·129	1·20	42.1223	9·8
...	17·093	+30·941	0·70	...	...
241–300					
241					
*	−17·047	−44·206	1·40	43.1207	9·4
...	16·942	−37·167	− 5	...	...
...	16·934	+36·588	0·70	...	...
...	16·559	+15·697	− 2	...	...
*	16·480	−51·675	1·90	43.1208	9·4
...	−16·470	−57·035	− 5	...	...
...	16·346	−12·603	− 5	...	...
...	16·323	+49·767	− 5	...	...
...	15·636	+ 7·494	− 4	A	...
...	15·634	+29·084	− 5	...	...
251					
...	−15·472	−14·478	− 4	...	...
*	15·099	+57·928	1·40	41.1257	9·3
...	15·001	−23·624	− 4	...	...
*	14·928	− 0·255	1·00	42.1224	10·0
...	14·745	−44·447	− 5	...	...
...	−14·713	−28·069	− 4	...	...
...	14·515	+ 4·661	− 5	...	...
...	14·291	− 7·646	− 3	...	...
...	14·285	+ 8·035	− 5	...	...
...	13·943	−35·694	0·70	...	...
261					
...	−13·907	+51·212	− 5	...	...
..	13·529	−59·426	0·65	43.1209	10·0
*	12·711	+16·758	1·10	42.1225	9·9
*	12·522	−45·118	1·10	43.1210	9·9
†	12·334	+30·141	− 5	...	...
...	−11·947	+32·011	0·70	...	...
...	11·929	−17·371	− 4	...	...
...	11·910	−52·643	− 5	...	...
...	11·371	+35·618	0·65	...	...
...	11·192	−38·257	− 5	...	...
271					
...	−10·988	−21·904	− 5	...	...
...	10·942	−34·273	− 5	...	...
...	10·364	+ 6·375	− 5	...	...
...	10·332	+45·081	− 5	...	...
...	10·219	−17·090	− 5	...	...
...	− 9·976	+27·086	− 5	...	...
...	9·895	+40·706	− 5	...	...
...	9·531	+14·555	0·75	...	...
S ‡	9·373	+ 8·247	1·13	42.1226	9·6
...	8·834	+36·639	− 4	...	...
281					
*	− 8·496	− 4·801	1·10	43.1211	9·8
*	8·319	−19·053	1·00	43.1212	10·0
...	8·235	+ 6·522	− 5	...	...
...	8·074	−23·211	− 5	...	...
...	7·822	+11·754	− 5	...	...
...	− 7·692	−48·066	0·80	43.1213	10·0
...	7·613	− 6·469	− 5	...	...
...	7·583	−53·668	− 4	...	...
*	7·303	− 5·741	1·30	43.1214	9·8
...	7·287	−45·331	− 5	...	...
291					
...	− 7·134	+ 8·451	− 3	...	...
...	6·463	−16·539	− 4	...	...
...	6·346	−32·291	− 4	...	...
...	5·979	+26·270	− 5	...	...
...	5·783	+42·607	− 3	...	...
*	− 5·733	−42·463	2·60	43 1215	8·1
*	5·517	+50·292	2·00	42.1227	9·2
*	5·458	−39·879	1·20	43.1216	9·6
...	5·059	+53·383	− 5	...	...
...	4·775	−10·475	− 5	m	...

141. Mass. 42·43, two stars.

301–360

Notes.	Co-ordinates. x.	y.	Diam. −z.	C.P.D. No.	Mag.
301					
...	− 4′760	+14′065	− 5	m	...
S *	4·719	−16·160	1·73	43.1217	8·8
...	4·705	−25·938	− 5	m	...
‡	4·298	−49·249	2·70	43.1218	8·2
...	4·009	+ 0·573	− 4	a m	...
...	− 3·762	−14·459	− 5	m	...
...	3·761	+14·148	− 5	...	...
†	3·701	−29·577	− 5	m	...
*	3·660	+ 1·182	1·00	42.1228	10·0
	3·651	+16·835	0·90	...	...
311					
...	− 3·266	+18·940	− 1	...	...
...	3·218	−15·961	− 3	m	...
...	2·738	−28·733	− 5	m	...
...	2·604	+38·386	− 5	...	...
...	2·524	+45·782	0·75	...	...
*	− 2·303	−17·126	1·00	43.1220	10·0
...	2·215	− 8·901	− 2	m	...
*	2·208	+41·633	1·05	42.1229	9·9
...	2·174	+42·387	− 2	...	...
...	2·062	+21·745	− 5	m	...
321					
...	− 1·963	−32·434	− 1	m	...
...	1·888	− 8·877	0·75	m	...
...	1·680	+56·683	− 3	...	...
...	1·412	− 1·232	− 5	M m	...
...	1·390	+ 3·479	− 5	m	...
...	− 1·129	− 0·375	− 5	M m	...
...	0·843	−37·177	− 5	M m	...
...	0·630	−53·540	− 5	m	...
...	0·513	−34·851	− 3	m	...
...	0·367	−52·137	0·80	43.1221	10·0
331					
...	− 0·189	+38·531	− 4	...	...
...	0·056	+ 4·610	− 2	...	...
...	− 0·045	+19·746	0·70	...	...
...	+ 0·224	−10·485	0·70	m	...
...	0·297	−46·626	− 5	m	...
...	+ 0·313	−31·353	− 3	m	...
...	0·320	−47·648	− 5	m	...
...	0·671	+27·823	− 3	...	...
.	0·697	−40·177	− 4	m	...
...	0·771	+24·998	− 5	m	...
341					
...	+ 0·910	− 5·452	− 5	M m	...
*	1·148	−55·868	1·10	43.1222	9·8
‡	1·241	−52·855	1·05	43.1223	10·0
*	1·300	+39·773	1·00	42.1230	9·9
...	1·428	+38·289	0·80	...	...
...	+ 1·564	+28·772	− 4	...	...
...	1·578	+39·657	− 5	m	...
...	1·845	−23·405	− 4	m	...
...	2·042	−37·779	− 4	m	...
...	2·413	−39·480	− 5	m	...
351					
...	‡ 2·543	+ 2·443	0·70	...	...
*	2·743	+32·772	1·10	42.1231	10·0
...	3·007	+12·636	0·65	...	...
...	3·112	−22·684	− 4	m	...
...	3·682	−53·128	− 1	...	...
‡	+ 3·756	−57·559	1·20	42.1232	9·9
...	3·774	+ 4·739	− 5	M m	...
...	3·848	− 3·858	− 4	m	...
*	3·862	+23·420	1·10	42.1233	9·8
...	3·907	+ 6·665	0·70	...	...

361–420

Notes.	Co-ordinates. x.	y.	Diam. −z.	C.P.D. No.	Mag.
361					
...	+ 3′932	−57′861	− 5	m	...
...	3·938	−28·155	0·75	...	...
*	4·037	−53·941	1·00	43.1225	10·0
*	4·363	+32·339	1·00	42.1234	10·0
*	4·376	− 6·744	1·30	43.1224	9·2
...	+ 4·450	−39·241	− 5	m	...
...	4·489	+55·668	− 5	...	...
...	4·840	+46·414	− 5	...	...
...	4·910	+ 5·208	− 5	m	...
...	4·933	+40·888	− 4	...	...
371					
...	+ 5·299	+ 5·034	0·85	...	...
...	5·444	−32·014	− 4	m	...
†	5·560	−56·986	0·90	...	...
...	5·842	− 9·294	0·90	43.1226	10·0
*	5·934	−32·284	1·70	43.1227	8·8
...	+ 6·454	−16·070	0·70	43.1228	10·0
...	6·597	−20·389	0·95	43.1229	10·0
...	6·605	−42·313	− 5	m	...
‡	6·875	+35·191	1·20	42.1235	9·4
†	7·035	−39·638	− 5	m	...
381					
*	+ 7·144	−10·775	1·15	43.1230	9·7
*	7·187	−17·423	1·00	43.1231	10·0
...	7·217	−24·346	− 4	m	...
...	7·382	−57·829	− 5	m	...
...	7·898	−33·848	− 5	m	...
...	+ 7·924	−22·266	− 5	m	...
*	8·014	−48·934	1·60	43.1233	9·2
*	8·034	−28·978	1·90	43.1232	8·8
...	8·050	+42·396	− 4	...	...
...	8·223	−52·772	− 2	...	...
391					
*	+ 8·384	+ 5·472	1·25	42.1236	9·5
...	8·390	+12·734	− 5	...	...
...	8·590	−36·097	− 5	m	...
...	8·653	−35·969	− 5	m	...
*	8·668	+ 6·674	1·00	42.1237	10·0
...	+ 8·758	+17·630	− 3	...	...
*	9·052	−34·195	1·00	43.1234	10·0
...	9·571	−33·926	− 5	m	...
...	9·779	+32·209	− 5	...	...
...	9·862	− 4·608	− 4	m	...
401					
*	+10·403	−31·522	1·05	43.1235	9·9
†	10·575	+ 0·770	− 3	...	...
...	10·665	−32·339	− 5	m	...
*	10·728	+54·213	1·25	42.1238	9·5
...	10·856	−53·482	− 4	m	...
*	+10·859	−42·730	1·15	43.1236	9·7
...	10·884	−16·954	0·70	...	...
*	11·157	+39·573	1·00	42.1239	9·9
...	11·309	+29·248	− 4	...	...
...	11·390	+ 9·702	− 5	m	...
411					
...	+11·700	−38·877	− 3	h	...
...	11·816	+30·606	− 4	...	...
...	11·848	+22·419	− 5	...	...
...	12·084	−39·993	− 5	m	...
...	12·141	−50·099	− 3	...	...
*	+12·306	−44·239	1·40	43.1237	9·4
...	12·502	−39·424	− 5	m	...
*	12·504	−33·276	1·1	43.1240	10·0
*	12·509	−29·317	1·05	43.1238	9·9
*	12·595	−44·673	1·15	43.1239	9·7

421–480

Notes.	Co-ordinates. x.	y.	Diam. −z.	C.P.D. No.	Mag.
421					
*	+12′771	−51′107	1·15	43.1242	9·6
...	12·832	−40·901	− 5	m	...
...	12·918	−12·376	0·85	43.1241	10·0
*	12·928	+54·287	1·05	42.1240	10·0
...	13·091	+23·861	− 5	...	...
...	+13·197	+42·138	− 4	...	...
...	13·372	− 9·400	− 1	b	...
...	13·570	−36·616	− 4	m	...
...	13·764	−51·509	− 4	m	...
...	13·966	−24·327	− 4	m	...
431					
...	+14·444	− 4·382	− 5	m	...
*	14·491	−40·316	1·05	43.1243	9·7
...	14·633	−34·492	− 5	m	...
...	14·829	−36·321	− 5	m	...
*	14·944	−41·930	1·20	43.1244	9·5
†	+15·551	+ 6·853	− 3	...	...
*	15·597	+37·478	1·10	42.1241	9·6
...	15·639	−50·846	0·65	...	...
...	15·894	−14·097	− 4	m	...
S *	16·172	+49·906	2·00	42.1242	8·9
441					
...	+16·265	+23·006	− 2	...	...
...	16·461	−39·423	− 1	b	...
†	16·648	+10·324	− 3	...	...
S *	16·987	−56·386	2·00	43.1245	9·0
...	16·989	−21·021	− 5	m	...
*	+17·430	+29·105	1·25	42.1243	9·4
*	17·522	+12·637	1·15	42.1244	9·8
...	17·553	−28·891	− 5	m	...
...	17·594	−54·676	0·80	43.1246	10·0
...	17·608	−11·747	− 5	m	...
451					
...	+17·632	+45·340	− 2	...	...
S *	18·052	+ 2·954	1·45	42.1245	9·2
†	18·102	+50·222	− 5	...	...
...	18·221	−16·780	− 5	m	...
...	18·287	+19·539	− 5	...	...
...	+18·314	+34·291	− 4	...	...
...	18·345	+27·196	− 4	...	...
...	18·574	+57·985	− 1	...	...
...	18·783	−22·437	− 5	m	...
...	19·560	+30·657	− 5	...	...
461					
...	+19·685	+ 0·887	− 5	m	...
...	19·739	+30·328	− 4	...	...
...	20·093	+ 4·837	− 5	m	...
...	20·792	−41·623	− 5	m	...
*	20·800	−13·380	1·80	43.1247	9·2
...	+20·981	− 1·836	0·65	b	...
*	21·112	−57·904	1·00	43.1248	9·9
...	21·210	+37·546	− 4	...	...
*	21·341	+28·514	1·70	42.1246	9·2
...	21·426	+38·295	− 5	...	...
471					
...	+21·541	+59·886	− 1	41.1285	10·0
...	21·635	+ 0·277	− 3	...	...
.	21·735	+29·986	− 5	...	...
..	21·995	+31·203	− 3	...	...
†	22·296	− 4·658	− 5	m	...
...	+22·868	−27·462	− 3	b	...
*	23·027	− 0·293	1·15	42.1247	9·8
...	23·037	+31·910	− 1	...	...
...	23·058	− 8·327	0·90	43.1250	9·9
...	23·269	−28·822	− 5	m	...

481–540

Notes	Co-ordinates x.	Co-ordinates y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
481					
*	+23·403	+36·125	1·00	42.1248	9·8
…	23·533	−33·417	2·75	…	…
…	23·547	+28·192	− 3	…	
…	23·924	−20·961	− 5	*m*	
…	24·029	− 9·840	− 4	*m*	…
*	+24·093	+48·303	1·00	42.1249	1
…	24·205	+12·870	− 3	…	…
…	24·416	− 8·343	− 5	*m*	…
…	24·485	+15·166	− 1	…	…
…	24·814	− 5·969	− 3	*b*	…
491					
…	+25·261	+22·004	− 5	…	…
†	25·509	− 0·298	− 3	*b*	…
S ‡	25·555	+22·799	1·73	42.1250	8·9
…	25·698	−56·165	− 2	…	…
…	25·754	−29·224	− 5	*m*	…
…	+25·977	+53·384	− 5	…	…
…	26·192	−35·732	− 5	*m*	…
*	26·442	−18·412	1·05	43.1251	9·9
…	26·544	+20·597	− 5	…	…
*	27·004	+ 8·064	1·00	42.1251	9·9
501					
…	+27·094	−53·247	− 5	*m*	…
…	27·787	−37·476	0·65	…	…
*	27·826	−14·268	1·55	43.1252	9·4
…	27·837	+21·801	− 5	…	…
…	27·948	−45·657	0·65	43.1253	10·0
*	+28·289	+36·094	1·00	42.1252	9·9
…	28·297	−10·072	− 1	…	…
…	28·329	−47·793	0·75	43.1254	10·0
…	28·698	− 6·639	− 5	*m*	…
..	28·743	−30·393	0·65	…	…
511					
…	+28·746	+15·598	− 4	…	…
…	28·866	+ 3·510	− 5	…	…
*	28·881	+36·820	1·05	42.1253	9·8
…	29·298	+45·853	0·90	…	…
…	29·301	+18·420	− 4	…	..
*	+29·447	+31·083	1·00	42.1254	10·0
…	29·461	− 9·804	0·70	43.1255	10·0
…	29·469	−11·743	− 5	*m*	…
…	29·706	− 8·274	0·85	43.1256	10·0
…	29·861	−20·747	− 2	*b*	…
521					
…	+29·993	+38·964	− 4	…	…
*	30·688	−22·164	1·00	43.1257	9·6
…	30·698	+10·485	0·70	…	…
…	31·003	+56·943	− 4	…	…
a *	31·072	− 0·076	1·20	42.1255	9·8
…	+31·353	+24·374	0·70	…	…
…	31·379	+59·163	− 5	*m*	…
S *	31·570	−19·035	1·68	43.1258	8·8
…	31·611	−16·909	0·65	…	…
…	32·102	+23·973	− 4	…	…
531					
…	+32·234	−20·567	− 3	*b*	…
…	32·376	+46·258	− 4	…	…
…	32·489	+14·015	− 2	…	…
…	32·567	− 6·205	− 5	*m*	…
…	32·955	+ 4·524	0·90	…	…
…	+32·969	+57·145	− 5	…	…
…	33·181	−20·932	0·65	…	…
…	33·514	+10·456	0·70	…	…
…	33·737	+ 3·477	− 4	…	…
…	33·804	−28·579	− 3	*b*	…

541–600

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
541					
…	+34·103	+ 1·153	− 5	…	…
…	34·377	+38·164	− 3	…	…
…	34·423	+46·696	− 2	…	…
*	34·547	−18·088	1·25	43.1259	9·4
—	34·572	+ 8·897	0·90	…	…
…	+34·711	−42·282	− 5	*m*	…
…	34·735	+47·981	0·65	…	…
…	35·101	+55·295	− 5	…	…
…	35·147	+42·609	− 5	…	…
…	35·314	−42·501	− 4	*m*	…
551					
†	+35·411	+ 2·705	− 4	…	…
†	35·423	−36·859	− 5	*m*	…
†	35·505	+40·773	− 5	…	…
…	35·661	+43·197	− 5	…	…
…	35·708	+19·605	− 3	…	…
…	+35·789	+16·950	− 5	…	…
…	36·042	+ 6·232	− 5	…	..
…	36·059	+24·807	− 5	…	…
…	36·469	+44·542	− 5	…	…
…	36·712	−30·973	− 5	*m*	…
561					
…	+37·313	+12·304	0·80	…	…
…	37·543	+10·638	0·70	…	…
…	37·678	+11·112	− 5	…	…
…	37·776	− 5·764	0·70	.	…
…	38·072	+ 9·934	0·70	…	…
*	+38·131	−42·034	1·05	43.1260	9·5
…	38·183	+ 2·889	− 5	…	…
…	38·303	−43·933	− 5	*m*	…
…	38·351	−53·582	0·90	43.1261	9·9
…	38·526	+14·936	− 4	…	…
571					
‡	+38·675	+10·230	1·05	42.1256	9·8
*	40·169	−16·804	1·30	43.1262	9·4
*	40·570	−52·086	1·20	43.1263	9·6
…	40·666	+44·766	− 1	…	…
…	40·913	+ 8·832	0·65	…	…
…	+41·095	−18·167	− 5	*m*	…
…	41·116	−15·793	0·70	…	…
*	41·248	+20·692	1·00	42.1257	10·0
…	41·793	−35·334	− 2	*a*	…
…	42·243	− 8·022	0·65	…	…
581					
…	+42·414	− 9·211	− 3	*d*	…
*	42·522	−44·630	2·00	43.1264	8·8
…	42·678	−28·193	− 5	*m*	…
…	42·870	−41·916	− 5	*m*	…
…	43·439	−12·251	− 5	*m*	…
…	+43·657	+39·124	0·70	…	…
…	44·047	+22·746	− 5	…	…
*	44·104	−50·748	1·65	43.1265	9·0
*	44·372	−57·315	1·80	43.1266	9·2
…	44·469	+20·824	0·85	…	…
591					
†	+45·470	− 5·346	0·70	43.1267	10·0
…	45·629	− 5·401	− 1		
*	45·802	−15·855	1·05	43.1268	9·8
…	45·947	−21·822	− 5	*m*	…
…	45·984	+56·093	− 5	…	…
…	+46·337	−45·970	− 5	*m*	…
…	46·506	−23·131	− 5	*m*	…
…	46·871	− 9·475	0·70	43.1269	10·0
…	46·910	−24·148	− 3	…	…
…	47·476	+10·779	− 4	…	…

601–660

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
601					
…	+47·568	+ 5·834	− 3	…	…
*	47·645	−16·247	1·00	43.1270	10·0
…	47·789	+33·069	− 5	…	…
…	47·931	−27·185	− 2	*a*	…
†	47·974	+ 5·359	− 3	…	…
…	+48·025	− 1·229	− 5	*m*	…
…	48·174	−33·166	− 5	*m*	…
…	48·297	+16·122	− 5	…	…
…	48·418	−15·093	− 4	*m*	…
…	48·429	−27·090	− 2	*b*	…
611					
…	+48·506	+20·587	0·65	…	…
S *	48·518	+17·753	1·40	42.1259	9·2
…	48·748	+42·820	0·95	42.1258	10·0
…	48·842	+13·537	− 5	…	…
…	48·848	−43·932	0·90	43.1272	10·0
*	+48·943	−43·161	2·80	43.1273	8·1
*	48·967	−53·968	1·15	43.1274	9·6
…	49·033	− 3·573	− 5	*m*	…
…	49·189	−45·521	− 5	*m*	…
*	49·359	−57·439	1·20	43.1275	9·6
621					
…	+49·387	+12·876	− 4	…	…
*	49·508	+17·660	1·10	42.1260	9·6
…	49·552	+12·923	− 5	…	…
…	49·568	−16·445	− 5	*m*	…
…	49·996	−40·203	− 5	*e*	…
…	+50·265	+16·734	− 5	…	…
*	50·274	−18·841	1·25	43.1276	9·4
†	50·379	−33·314	0·90	43.1277	10·0
…	50·855	−15·080	− 4	*e*	…
…	50·905	+17·782	− 5	…	…
631					
…	+51·067	+52·666	− 4	…	…
…	51·299	− 0·451	− 5	*e*	…
…	51·840	+22·657	− 5	…	…
…	51·927	+ 6·516	− 5	…	…
S *	51·983	−43·259	3·28	43.1278	7·0
…	+52·029	+10·743	− 4	…	…
…	52·675	+34·041	− 5	…	…
S ‡	52·753	−29·670	2·00	43.1279	8·8
…	52·915	− 5·663	− 5	*m*	..
…	53·180	+57·991	− 5	…	…
641					
*	+53·292	−14·812	1·20	43.1280	9·6
…	53·511	+31·124	− 3	…	…
…	53·556	−22·252	− 5	*e*	…
…	53·624	+39·211	0·70	…	…
…	53·835	+ 7·686	− 5	…	…
S *	+53·845	+ 9·209	1·80	42.1262	9·1
…	53·854	− 4·455	0·75	43.1281	10·0
…	54·153	+36·477	0·85	42.1261	10·0
*	54·854	−46·054	2·00	43.1282	8·5
…	55·008	+ 5·098	− 2	…	…
651					
†	+55·207	−19·557	− 3	*e*	…
…	55·315	−58·502	− 5	43.1283	10·4
…	55·721	+45·290	0·90	42.1263	10·0
…	55·857	−47·026	0·65	43.1284	10·4
*	56·604	−14·922	1·00	43.1285	10·0
…	+56·635	+22·201	− 5	…	…
*	56·690	− 1·343	1·00	42.1265	10·0
…	56·765	−21·137	− 4	*e*	…
*	57·097	+53·276	1·20	42.1264	9·6
…	57·404	+15·190	− 2	…	…

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
661-670					
661					
...	+57·499	+50·963	−4	...	...
...	57·810	−45·410	0·80	43.1286	10·4
...	57·993	− 1·781	−3	*e*	...
*	58·097	+48·855	1·15	42.1266	9·8
...	58·201	−16·769	−3	*e*	...
†	+58·253	−59·496	−5	43.1287	10·4
...	58·743	− 2·835	−4	*e*	...
*	58·820	−55·106	1·90	43.1288	9·1
...	58·962	−14·928	−5	*e*	...
...	59·485	−15·583	−4	*e*	...
671					
671					
*	+60·077	+53·528	1·80	42.1267	9·3

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
1-40					
1					
‡	−59·489	−43·309	2·00	43.1273	8·1
...	59·361	+17·651	−4	...	...
*	59·159	−54·142	1·05	43.1274	9·6
*	58·867	−18·967	1·20	43.1276	9·4
*	58·650	−57·600	1·10	43.1275	9·6
...	−58·554	+22·560	−5	...	...
...	58·551	−40·341	−5	E	...
...	58·429	− 0·561	−4	E	...
...	58·412	+11·071	−5	...	...
...	58·411	−15·807	−4	E	...
11					
...	−58·349	−33·441	0·70	43.1277	10·0
..	58·305	+57·924	−5	...	...
...	58·080	+33·941	−4	...	...
...	58·023	+10·652	−3	...	...
...	58·006	+ 6·430	−5	...	...
...	−57·286	+50·132	−5	M	...
...	57·266	+38·956	0·70	...	...
...	57·157	+31·067	−1	...	...
...	56·971	−38·781	−5	M	...
...	56·646	+36·442	0·80	42.1261	10·0
21					
S *	−56·428	−43·314	3·20	43.1278	7·0
...	56·394	−18·622	−5	M	...
...	56·313	+52·323	−5	M	...
S *	56·156	+ 9·183	1·38	42.1262	9·1
...	56·133	+ 7·653	−4	...	...
S *	−56·084	−29·721	1·50	43.1279	8·8
*	55·983	−14·860	1·10	43.1280	9·6
...	55·748	− 4·478	0·70	43.1281	10·0
...	55·499	−22·280	−4	E	...
...	55·361	+45·292	0·90	42.1263	10·0
31					
...	−55·262	+38·917	−5	M	...
...	54·866	+ 5·114	−2	...	...
...	54·846	−54·954	−5	M	...
...	54·596	−16·899	−5	M	...
...	54·536	− 3·921	−5	M	...
...	−54·344	+33·593	−5	M	...
*	54·220	−53·320	1·20	42.1264	9·6
..	53·946	+ 0·438	−5	M	...
...	53·943	−19·536	−1	E	..
...	53·765	+51·020	−4	...	...
41-80					
41					
...	−53·759	+22·239	−3	...	...
*	53·494	−46·042	2·00	43.1282	8·5
...	53·133	+29·284	−5	M	...
*	53·094	+48·917	1·15	42.1266	9·8
*	52·996	− 1·295	1·00	42.1265	10·0
...	−52·995	+26·437	−5	M	...
...	52·991	+20·153	−5	M	...
...	52·864	+57·388	−5	...	...
...	52·779	+15·258	0·70	..	...
...	52·773	−23·577	−4	M	...
51					
...	−52·686	−58·473	−4	43.1283	10·4
*	52·673	−14·866	1·05	43.1285	10·0
...	52·458	−46·990	−3	43.1284	10·4
...	52·340	−21·072	−3	E	..
...	52·336	− 0·812	−5	M	...
...	−52·010	−10·282	−4	M	...
...	51·774	+54·151	−5	...	...
...	51·693	− 0·831	−5	M	...
...	51·677	− 1·692	−2	E	...
...	51·451	−44·579	−5	M	...
61					
*	−51·254	+53·654	1·70	42.1267	9·3
...	51·209	+58·709	−5	...	...
...	51·190	+ 2·201	−5	M	...
...	51·036	−16·671	−3	E	...
...	50·902	− 2·720	−2	E	...
...	−50·576	−45·309	−2	43.1286	10·4
†	50·527	+39·754	0·85	42.1268	10·0
...	50·455	+21·612	−4	..	...
...	50·329	−14·802	−4	E	...
...	49·972	+33·251	−1	...	
71					
...	−49·815	−10·221	−4	M	...
...	49·790	−15·448	−3	E	...
...	49·723	−59·375	−5	43.1287	10·4
	49·278	−54·963	1·50	43.1288	9·1
...	49·218	+ 6·820	−5	M	...
...	−49·129	+33·147	0·75	42.1269	10·0
...	49·056	+ 6·716	−5	M	...
..	48·954	−35·595	−5	M	...
...	48·811	+51·106	−4	...	...
...	48·801	+49·782	−5	...	...
81-120					
81					
...	−48·749	+22·056	−3	...	...
...	48·726	+37·639	−4	...	...
...	48·189	− 2·403	−5	M	...
...	48·184	+22·867	−4	...	...
...	48·116	+ 0·788	−4	...	...
...	−47·917	+31·270	−5	M	...
..	47·751	−47·987	−4	M	...
..	47·650	−35·594	−4	M	...
...	47·516	+17·326	−5	...	...
...	47·496	+46·708	−4	...	...
91					
...	−47·379	+43·605	−5	M	...
...	47·335	−53·691	−1	43.1289	10·4
...	47·325	+47·202	−3	...	...
...	47·269	−20·540	0·85	43.1290	10·0
..	47·220	− 9·013	−2	B	...
..	−47·111	− 9·559	−2	B	...
...	46·655	+18·514	−4	...	...
...	46·559	−57·387	−4	M	...
...	46·489	− 9·068	−5	M	...
...	46·473	+ 0·171	−4	...	...
101					
†	−46·388	−30·104	−5	M	...
...	46·121	+16·378	0·70	42.1270	10·0
...	46·024	+33·027	−4	...	...
...	45·989	−41·325	−3	M	...
...	45·676	−56·944	−4	M	...
...	−45·637	+14·507	0·65	...	...
...	45·216	− 6·487	−4	M	...
...	45·160	−28·320	−5	M	...
...	45·069	−19·098	−3	M	...
...	45·057	+31·910	−4	...	...
111					
...	−45·024	+42·970	−5	M	...
...	44·906	−35·801	−5	M	...
...	44·904	−37·647	0·70	43.1291	10·2
...	44·831	+27·911	0·85	42.1271	10·0
...	44·824	+39·016	−4	B	...
..	−44·727	− 5·917	−5	M	...
†	44·648	−45·658	−5	M	...
†	44·584	+ 7·778	−1	...	...
...	44·580	−29·541	−4	M	...
*	44·491	−47·982	1·15	43.1292	9·8

S measured from 1, 164, 376, 589, 804, 1049.
E .. .. 74, 262, 493, 709, 921, 1158.

121–180

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′.	″.	″.	No.	Mag.
121					
*	−44·371	+11·369	1·00	42.1272	9·6
...	43·985	−15·337	− 2	B	..
...	43·922	+ 7·953	0·65	..	...
...	43·848	−23·440	− 3	M	
...	43·765	+18·899	− 4	M	.
...	−43·762	+21·551	− 4	..	
...	43·675	−11·337	− 4	M	.
...	43·657	+ 0·560	− 4	...	...
...	43·602	+39·928	− 4	M	
...	43·517	+16·760	− 5	M	...
131					
...	−43·173	−16·406	− 5	M	...
...	42·999	+28·886	− 5	M	...
...	42·985	−10·755	− 3	M	...
...	42·952	+ 4·304	− 5	M	...
*	42·875	+22·879	1·00	42.1273	9·6
...	−42·840	−52·464	0·70	43.1293	10·4
*	42·754	+57·083	1·40	42.1274	9·4
...	42·527	+42·011	− 1	...	...
*	42·326	−12·382	1·10	43.1294	10·0
...	42·139	−59·454	− 5	M	...
141					
...	−42·072	+38·888	− 2	...	...
...	41·649	+20·410	− 5	M	..
...	41·487	− 0·699	− 5	M	...
†	41·479	+54·653	− 3	..	...
...	41·432	+46·148	− 5	...	...
†	−41·391	+24·824	0·70	42.1275	10·0
...	41·032	+15·560	− 4	M	...
...	40·913	−51·419	− 5	M	...
...	40·806	+30·404	− 5	M	...
...	40·588	−59·801	0·70	43.1295	10·0
151					
...	−40·527	+15·850	− 5	M	...
S *	40·515	+57·404	2·70	41.1315	7·8
...	40·463	+58·591	− 4	...	...
...	40·415	+39·961	0·70	...	...
...	40·326	−20·712	− 5	M	...
...	−40·211	+33·216	− 3	...	...
...	40·168	−29·355	− 4	M	...
†	40·051	−50·008	− 4	M	...
...	39·950	− 7·098	− 3	M	...
...	39·908	+15·101	− 4	...	...
161					
...	−39·899	+47·419	− 4	...	...
...	39·845	−47·635	− 5	M	..
†	39·688	−17·583	− 2	43.1296	10·4
...	39·374	− 6·065	− 4	M	...
*	39·338	−32·777	1·15	43.1297	9·2
...	−39·294	−56·286	− 4	M	...
...	39·064	+29·918	− 4	...	...
...	38·998	+11·764	− 2	...	...
...	38·987	−44·633	0·70	43.1298	10·4
...	38·986	− 1·713	− 4	M	...
171					
...	−38·913	−24·187	0·75	43.1299	10·4
...	38·848	+ 5·863	− 5	M	...
...	38·785	− 7·066	− 4	M	...
...	38·660	+32·013	− 3	...	...
...	38·611	−23·670	− 4	M	...
...	−38·584	+ 3·562	− 5	M	...
...	38·400	−20·709	− 4	M	...
...	37·918	−22·711	− 1	B	...
...	37·745	−13·321	− 3	M	...
†	37·706	+24·821	0·65	42.1276	10·0

181–240

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′.	″.	″.	No.	Mag.
181					
...	−37·626	−14·032	− 4	M	.
	37·384	+12·267	0·65	...	...
..	37·275	+19·154	0·80	42.1277	10·0
*	37·186	+ 7·198	1·00	42.1278	9·9
*	37·135	+21·533	1·10	42.1279	9·4
*	−37·012	+44·615	1·00	42.1280	9·9
...	37·002	−46·687	− 4	M	...
.	37·000	− 9·414	− 5	M	...
...	36·924	− 5·461	− 5	M	...
...	36·900	+57·637	− 4	...	...
191					
...	−36·883	−44·701	0·70	43 1301	10·2
*	36·797	+44·226	1·30	42.1281	9·1
...	36·769	+25·865	0·65	...	...
...	36·697	−20·258	− 5	M	...
...	36·639	+ 1·345	− 5	M	...
†	−36·504	+14·806	− 5	...	...
*	36·498	+ 3·022	1·05	42.1282	10·0
...	36·497	−36·011	− 5	M	...
...	36·494	−28·316	0·80	43.1302	10·2
...	36·331	−10·566	− 5	M	...
201					
...	−36·264	− 8·515	− 2	B	...
...	36·138	+ 2·246	− 5	M	...
...	35·979	− 7·060	− 5	M	...
*	35·889	−52·427	1·20	43.1303	9·6
...	35·806	+10·032	− 4	...	...
*	−35·790	−40·799	1·00	43.1304	9·8
...	35·718	− 8·321	− 4	M	...
...	35·615	−30·115	1·15	43.1305	9·2
...	35·592	+23·536	0·70	..	...
...	35·508	+ 4·717	− 5	M	...
211					
...	−35·449	−33·930	− 2	43.1306	10·4
...	35·384	−45·580	− 4	M	...
...	35·379	+ 0·901	− 5	M	...
...	35·279	− 0·646	− 5	M	...
...	35·243	+48·353	− 2	...	...
*	−35·146	−33·169	1·80	43.1307	8·2
...	34·886	−32·724	− 5	M	...
...	34·853	+31·703	− 4	...	...
...	34·828	−39·635	− 4	M	...
...	34·819	+53·873	− 5	M	...
221					
...	−34·796	−31·884	− 5	M	..
...	34·085	+ 5·873	− 5	...	...
...	34·068	−30·813	− 4	M	...
...	33·904	− 8·536	− 4	M	...
...	33·839	−36·307	− 5	M	...
*	−33·522	−20·457	1·00	43.1308	10·0
...	33·344	+20·739	− 4	..	...
...	33·308	+42·178	− 5	...	...
...	33·268	−18·088	− 2	B	...
...	33·237	−40·609	− 4	M	..
231					
...	−33·204	+48·941	− 1	...	...
...	33·182	+ 6·662	0·65	...	...
...	33·106	+45·501	− 5	...	...
...	33·004	+ 8·792	− 5	M	..
...	32·991	+23·371	0·80	...	...
*	−32·967	−31·064	1·00	43.1309	10·2
...	32·805	+ 2·904	− 3	M	...
*	32·634	−48·687	1·10	43.1310	9·8
...	32·517	−34·366	− 5	M	..
...	32·434	+57·789	0·80	41.1319	10·0

241–300

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′.	″.	″.	No.	Mag.
241					
*	−32·251	+ 7·260	1·00	42.1283	10·0
	32·243	+17·131	− 5	M	.
...	32·151	+13·183	− 4	...	..
...	32·016	+44·640	− 5	M	.
.	31·993	+32·407	− 3	...	.
...	−31·768	−25·378	− 3	M	..
..	31·510	−14·024	0·7	...	...
...	31·497	+ 5·436	− 5	M	...
...	31·357	− 8·546	− 3	M	...
..	31·220	−51·236	− 5	M	..
251					
..	−30·966	−27·631	− 5	M	...
...	30·830	−13·107	− 5	M	...
...	30·642	+43·567	− 4	...	
...	30·540	+17·562	− 3	...	.
...	30·241	+24·689	− 5	...	...
...	−30·239	+18·072	− 4	...	...
...	30·223	+33·722	− 4	...	...
...	30·095	−55·330	− 5	M	...
...	30·030	−24·464	− 5	M	...
...	29·888	+37·410	− 5	M	..
261					
...	−29·877	−52·015	− 5	M	..
...	29·545	+50·357	− 3	...	.
...	29·480	+22·751	− 5	...	...
...	29·356	−18·848	− 5	M	...
...	29·258	+22·193	− 4	..	.
...	−29·154	−48·907	− 5	M	...
..	29·146	−51·391	− 1	43 1311	10·4
...	29·041	+ 0·273	− 5	M	..
.	28·988	−15·831	− 3	M	..
...	28·969	−19·915	− 5	M	...
271					
...	−28·958	+18·566	− 3	...	...
...	28·849	−19·659	− 5	M	...
*	28·770	+20·847	1·00	42.1284	9·9
..	28·725	+24·977	− 5	M	...
..	28·660	−58·748	0·70	43.1313	10·4
...	−28·495	+40·935	− 3	...	...
...	28·450	−55·246	0·70	43.1314	10·2
...	28·364	−57·511	− 5	M	...
...	28·359	−32·606	− 4	M	...
...	28·202	− 6·657	− 3	M	...
281					
...	−28·152	+55·804	− 1	...	...
...	27·944	+ 6·978	0·85	42.1286	10·0
†	27·943	+14·855	1·05	42.1285	9·4
...	27·917	+ 1·597	− 5	...	...
...	27·836	−17·787	− 5	M	...
...	−27·685	− 0·007	− 5	M	...
*	27·566	+ 8·716	1·00	42.1287	10·0
..	27·482	−54·278	− 5	M	...
...	27·462	+22·593	− 4	M	...
...	27·454	−23·774	− 5	M	...
291					
*	−27·447	+ 5·932	1·00	42.1288	10·0
...	27·192	−34·799	− 5	M	...
...	27·047	−49·364	− 1	43.1315	10·4
...	26·953	+ 9·756	0·70	42.1289	10·0
...	26·786	+ 6·244	− 5	...	...
...	−26·706	+ 5·561	− 5	...	...
*	26·706	+ 1·202	1·00	42.1290	9·9
...	26·632	+41·010	− 3	...	...
*	26·494	+12·409	1·05	42.1291	9·5
...	26·415	−22·029	− 4	M	...

301–360

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
301					
...	−26·344	+56·160	− 5	...	...
...	26·298	−29·759	− 5	M	...
...	26·211	+52·589	− 1	...	...
...	26·037	+54·416	− 5	M	...
...	25·988	+53·973	− 4	M	...
*	−25·965	+27·387	1·00	42.1292	9·5
...	25·917	−39·380	− 5	M	...
...	25·786	+32·878	0·80	...	...
S *	25·649	+ 0·398	1·40	42.1293	9·0
...	25·592	−51·754	0·70	43.1316	10·0
311					
...	−25·539	−22·905	− 4	M	...
...	25·506	−39·333	− 3	M	...
...	25·348	−21·210	− 3	M	...
...	25·273	−52·050	− 3	M	...
...	25·230	−27·589	− 5	M	..
...	−25·205	−16·049	− 5	M	...
...	25·059	−32·502	− 5	M	...
*	25·056	+41·074	1·10	42.1294	9·6
...	24·965	− 9·867	− 1	43.1317	10·2
..	24·819	−49·235	0·70	43.1318	10·2
321					
...	−24·774	−34·292	− 5	M	...
..	24·570	−29·683	− 4	M	..
...	24·556	−54·750	− 4	M	...
...	24·505	−20·251	− 4	M	.
...	24·490	−11·662	− 4	M	..
...	−24·359	− 1·035	− 2	D	...
...	24·269	+30·958	− 4	...	...
.	24·247	−18·684	− 4	M	..
...	24·242	−37·713	− 1	43.1319	10·4
*	24·227	+26·502	1·30	42.1295	9·3
331					
...	−24·138	+ 9·318	− 4	...	.
...	24·136	+37·066	− 4	...	..
...	24·038	+29·669	− 5	...	...
...	23·995	−38·062	− 4	M	.
...	23·939	+ 5·769	− 4	M	...
...	−23·894	+21·532	0·75	...	...
	23·870	−40·143	− 5	M	...
...	23·534	−45·440	− 5	M	...
..	23·480	−10·840	− 5	M	..
..	23·401	+59·088	− 5	...	.
341					
...	−23·395	+28·869	0·65	..	...
..	23·347	+30·211	− 5	M	...
..	23·269	−55·036	− 4	M	...
...	22·816	−31·617	− 5	M	.
.	22·749	− 6·132	− 5	M	.
.	−22·687	−21·976	− 3	M	
	22·579	+49·775	1·40	42.1296	9·0
	22·573	−38·545	− 2	43.1320	11·4
	22·541	+59·582	− 3	...	...
...	22·531	+14·447	− 5	M	..
351					
..	−22·394	+59·096	− 3	...	...
.	22·301	+36·518	− 5	...	...
...	22·067	−13·172	− 4	M	...
.	21·931	+49·430	− 4	...	...
*	21·427	+29·872	1·00	42.1297	9·8
	−21·405	+58·393	− 2	..	...
...	21·341	+27·774	− 2	.	...
..	21·169	−30·018	− 4	M	...
...	21·169	+49·082	− 4	...	...
...	20·894	−41·509	− 1	A	...

361–420

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
361					
...	−20·777	+56·621	− 2	...	...
...	20·772	−14·746	− 1	43.1321	10·4
...	20·471	+15·167	− 5	M	...
...	20·459	+11·678	− 3	...	...
...	20·319	+35·353	− 5	M	...
...	−20·318	− 3·905	0·65	43.1322	10·4
...	20·274	−57·378	− 5	M	...
...	20·175	+32·463	− 5	M	...
...	20·105	−16·104	− 4	M	...
...	19·972	−46·144	− 4	M	...
371					
*	−19·956	−28·388	1·05	43.1323	10·0
...	19·876	+54·332	− 4	...	...
...	19·862	+37·366	− 5	...	...
...	19·847	+16·113	0·65	...	...
...	19·781	−24·591	− 4	M	...
†	−19·671	−23·142	0·70	43.1324	10·1
..	19·572	+23·076	− 4	M	...
...	19·443	+19·072	− 5	M	...
...	19·437	+37·676	− 5	M	...
...	19·422	+19·665	− 2	...	...
381					
...	−19·408	+59·032	− 4	...	...
...	19·386	+ 9·981	− 5	M	...
...	19·069	+19·016	− 5	M	...
...	19·013	+ 6·576	− 1	...	...
...	18·926	+ 1·658	− 5	M	...
..	−18·871	+26·417	− 4	...	..
..	18·552	−47·707	− 4	M	...
..	18·463	+52·120	− 3	...	...
	18·377	−33·855	− 2	B	...
..	18·289	+ 2·537	0·80	42.1298	10·4
391					
...	−18·280	−43·289	− 5	M	...
...	18·171	− 7·069	− 5	M	...
...	18·026	+49·881	− 5	...	...
...	17·936	−37·234	− 2	B	...
†	17·834	+ 9·826	− 3	...	...
*	−17·723	+57·226	1·10	42.1299	9·9
...	17·690	+52·859	− 5	M	...
...	17·587	+ 7·051	− 2	...	...
...	17·415	+49·218	− 2	...	...
*	17·387	+58·106	1·05	41.1336	9·8
401					
...	−17·096	+15·496	− 5	...	...
...	17·074	+52·937	0·80	...	..
...	17·065	−41·503	− 5	M	..
...	17·041	−37·897	− 3	M	.
...	17·023	+11·119	− 4	.	.
...	−16·930	+25·202	− 4	...	...
...	16·829	−12·096	0·65	B	.
...	16·815	−24·289	− 5	M	...
*	16·766	+17·063	1·10	42.1300	9·6
...	16·731	−59·445	− 2	B	...
411					
...	−16·730	− 6·427	− 5	M	...
...	16·694	− 9·410	− 4	M	...
...	16·677	+21·913	0·75	...	...
...	16·509	+15·317	0·65	...	...
...	16·484	+16·005	− 4	...	...
...	−16·369	−39·857	− 2	B	.
..	16·108	−18·542	− 4	M	...
...	15·980	− 0·940	− 5	M	...
..	15·945	+30·848	− 2	...	...
...	15·867	+ 8·881	− 5	M	..

421–480

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
421					
...	−15·842	− 9·356	− 5	M	...
...	15·606	− 8·150	− 5	M	...
...	15·346	−58·084	− 5	M	...
...	15·329	+12·680	0·80	...	...
...	15·194	+13·291	− 4	...	...
*	−15·058	− 0·314	1·05	42.1301	9·8
...	15·023	+43·520	− 5	...	...
...	14·957	+40·013	0·75	...	...
...	14·955	− 8·048	− 3	M	...
...	14·901	+25·179	0·80	...	..
431					
...	−14·837	− 0·493	− 2	D	...
†	14·718	−55·080	− 4	M	...
*	14·627	+20·255	1·00	42.1303	10·0
D	14·619	− 2·219	− 1	42.1302	10·4
.	14·605	−32·507	0·65	...	...
...	−14·560	− 7·848	− 5	M	...
...	14·484	+ 6·287	− 5	M	...
...	14·479	+58·817	− 4	...	...
...	14·356	+28·740	− 3	...	...
...	14·321	−51·997	0·70	43.1325	10·4
441					
...	−14·273	+ 4·836	− 4	M	...
...	14·255	+30·576	0·70	...	...
...	13·915	−30·775	− 4	M	...
...	13·691	−59·324	− 5	M	...
*	13·641	−12·622	1·00	43.1326	10·2
...	−13·638	+57·645	− 3	...	...
*	13·617	− 2·470	1·10	42.1304	9·9
...	13·616	− 2·094	− 5	M	...
.	13·558	−36·267	− 5	M	...
...	13·413	+24·099	− 5	M	...
451					
...	−13·389	− 4·824	− 4	M	...
...	13·255	+15·489	0·70	...	...
...	13·106	+54·361	− 5	...	...
..	13·069	+34·452	0·85	42.1305	10·0
..	12·527	+27·352	0·70	...	...
...	−12·463	−42·429	− 5	M	...
...	12·357	+17·370	− 4	...	...
..	12·227	+48·504	− 5	...	...
...	12·227	+ 5·862	0·80	42.1306	10·4
...	12·108	+49·526	0·70	...	...
461					
...	−12·088	− 6·479	− 5	M	...
..	12·039	+41·772	− 5	M	...
...	11·927	+31·725	0·80	42.1307	10·0
..	11·793	−13·487	− 5	M	...
...	11·726	+16·673	− 4	M	..
...	−11·723	− 3·692	− 4	M	...
...	11·656	−28·784	− 5	M	...
...	11·457	+25·448	− 3	...	..
...	11·362	−54·179	− 2	...	...
S *	11·315	−18·156	1·53	43.1327	8·4
471					
...	−11·266	+ 5·188	− 4	M	...
...	10·989	+51·060	− 5	...	.
...	10·956	+55·766	− 5	...	...
...	10·887	−42·315	− 4	M	...
..	10·779	−19·848	− 5	M	...
..	−10·767	+26·404	− 4	...	...
..	10·752	+ 8·495	− 5	M	...
..	10·744	− 5·684	− 3	M	...
..	10·572	+47·257	− 5	...	...
...	10·383	+42·915	− 5	M	...

481–540

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
481					
...	−10·335	−34·304	−4	M	...
...	10·202	−40·321	−4	M	...
...	10·195	−39·333	−4	M	...
...	10·163	+54·620	−5	...	...
...	10·133	−32·250	−5	M	...
...	−10·036	+45·048	0·85	42.1308	10·0
‡	10·023	−44·939	1·00	43.1328	9·8
...	9·899	− 3·410	−3	M	...
†	9·827	+45·219	−3	...	...
†	9·804	+51·360	−3	...	...
491					
†	− 9·801	+29·024	−5	...	...
†	9·752	−37·737	−5	M	...
...	9·647	+18·124	−1	...	...
*	9·612	+47·798	1·15	42.1309	9·6
...	9·400	+11·441	−4	...	...
..	− 9·065	+20·189	−2	...	...
..	9·035	+19·223	−1	...	...
...	8·748	−18·948	−3	M	...
...	8·685	+42·118	−5	...	...
*	8·592	+35·992	1·00	42.1310	10·0
501					
...	− 8·571	+58·700	−4	...	...
...	8·516	+31·146	−5	M	...
...	8·433	+34·583	−5	M	...
...	8·398	+ 1·326	−4	...	...
*	8·342	−30·422	1·00	43.1329	10·0
...	− 8·020	−32·298	−3	M	...
...	8·003	− 7·559	0·85	43.1330	10·1
*	7·802	+12·033	1·15	42.1311	9·4
...	7·794	−20·815	−5	M	...
...	7·624	−43·148	−4	M	...
511					
...	− 7·615	−55·241	0·70	43.1331	10·4
†	7·272	+34·778	−3	...	...
...	7·187	−26·634	−5	M	...
...	7·167	−53·240	−4	M	...
...	7·154	+21·053	−3	...	...
...	− 7·117	+12·369	−5	...	...
...	7·069	−34·360	−5	M	...
...	7·032	− 3·597	−5	M	...
...	6·990	− 1·923	−5	M	...
...	6·988	+15·598	−4	...	...
521					
...	− 6·817	+54·420	−4	...	...
†	6·790	+ 4·876	−4	...	...
...	6·664	+24·439	−3	...	...
...	6·651	+37·263	−4	...	...
...	6·501	−33·901	−4	M	...
...	− 6·492	+42·146	−4	...	...
...	6·478	−34·263	−5	M	...
...	6·307	+14·433	−4	...	...
*	6·251	+26·984	1·00	42.1312	10·0
...	6·202	−26·647	−3	M	...
531					
...	− 6·011	−24·147	0·65	43.1333	10·4
...	5·701	+11·547	−5	M	...
*	5·676	−24·749	1·50	43.1334	8·6
...	5·650	−49·680	−4	M	...
...	5·593	+19·930	0·90	42.1313	9·9
...	− 5·481	+36·715	−4	...	...
...	5·359	− 5·684	−5	M	...
*	5·280	+12·626	1·00	42.1314	9·6
...	5·150	+ 2·750	−5	M	...
...	5·147	+50·013	0·65	...	...

541–600

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
541					
...	− 5·113	+21·511	−4	M	...
...	5·027	−30·459	−3	M	...
.	4·933	+ 3·649	0·65	42.1315	1[illegible]
†	4·821	+ 9·428	−2	...	...
...	4·821	−59·648	−5	M *m*	...
.	− 4·618	−12·351	−5	M *m*	
...	4·597	+34·876	−5	...	...
..	4·446	−14·915	0·65	43.1335	10·4
..	4·287	+13·174	−5	M *m*	...
...	4·242	−32·648	−2	M	...
551					
...	− 4·172	− 7·575	−5	M *m*	...
..	3·845	+55·153	−3	*m*	...
...	3·602	+51·869	−3	...	..
...	3·497	+51·878	−5	*m*	...
...	3·342	+ 1·510	−4	M *m*	...
...	− 3·335	+54·247	−5	*m*	...
*	3·144	−49·213	1·45	43.1336	8·8
...	3·134	−25·205	−2	M	...
...	2·802	+23·742	−3	*m*	...
...	2·484	−19·689	−1	M	...
561					
...	− 2·415	−52·092	−4	M	...
...	2·360	−39·449	−5	M *m*	...
...	2·022	−27·980	−5	M *m*	...
...	1·938	+19·258	−1	*m*	...
*	1·920	+51·034	1·25	42.1316	9·5
...	− 1·751	+17·146	−2	*m*	...
...	1·683	−12·398	−5	M *m*	...
...	1·627	+46·775	−5	*m*	..
...	1·590	−27·601	−3	M	...
...	1·438	−27·747	−5	M *m*	..
571					
...	− 1·267	−13·545	0·70	M	...
...	1·108	−30·445	−4	M	...
*	1·029	−12·213	1·00	43.1337	9·8
...	1·028	+46·400	−5	M *m*	...
...	0·952	−40·921	−3	M	...
*	− 0·933	−12·847	1·05	43.1338	9·8
...	0·852	+ 0·166	−2	*a m*	...
...	0·838	−28·997	−3	M	...
...	0·735	+ 6·135	−3	*m*	...
...	0·613	−27·116	0·85	43.1339	10·2
581					
...	− 0·400	+37·722	−3	*m*	...
*	0·281	−48·234	3·60	43.1340	6·3
...	0·171	− 6·155	−2	M	..
...	0·170	+12·223	−2	*m*	...
...	− 0·131	−24·221	−5	M *m*	...
...	+ 0·008	−18·116	−3	M	...
...	0·012	+51·341	−5	*m*	...
...	0·112	−23·121	−5	M *m*	...
...	0·299	+16·446	0·85	42.1317	10·0
...	0·458	−15·612	−5	M *m*	...
591					
..	+ 0·864	+31·149	−1	*m*	...
...	0·925	+31·894	−5	*m*	...
..	1·027	−56·016	−4	M	...
..	1·179	−13·011	0·70	43.1341	10·4
...	1·232	− 0·869	−5	M *m*	...
...	+ 1·349	+ 5·263	−4	M *m*	...
...	1·387	− 8·010	−2	M	...
...	1·509	+ 7·380	−3	*m*	...
...	1·585	+49·475	−5	*m*	..
...	1·598	− 5·158	−1	M	...

601–660

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
601					
...	+ 1·657	+50·301	0·80	°	...
*	1·671	−55·056	1·1[illegible]	43.1342	10·0
...	1·818	+ 6·519	−5	M [illegible]	...
.	1·915	+40·138	−3	*m*	...
..	1·920	−43·650	−4	M	...
..	+ 2·010	−40·522	−5	M	...
*	2·062	+34·590	1·00	42.1318	10·0
*	2·1[illegible]	−35·523	1·10	43.1343	9·6
...	2·183	−33·188	−5	M	..
...	2·209	− 5·746	0·70	M	...
611					
...	+ 2·310	−21·204	−1	M	...
...	2·539	+16·252	−5	M *m*	...
..	2·543	+39·605	0·70	...	..
..	2·552	+19·667	−5	M *m*	...
...	2·606	+ 0·708	−5	M *m*	...
...	+ 2·649	−47·442	−4	M	..
...	2·666	+40·100	−5	M *m*	...
*	2·708	−48·318	1·10	43.1344	9·8
...	2·742	−54·681	0·80	43.1345	10·1
*	3·004	−31·199	1·5[illegible]	43.1346	8·7
621					
...	+ 3·025	−42·749	0·65	M	..
...	3·047	+48·282	−5	M *m*	...
.	3·249	+45·557	−3	*m*	...
..	3·324	+48·068	−5	M [illegible]	...
	3·500	+36·528	−3	*m*	...
...	+ 3·509	+39·879	−4	*m*	...
..	3·668	+52·621	−2	...	...
..	3·719	−38·051	−1	M	..
..	3·758	+50·268	−5	*m*	...
...	3·809	+ 1·[illegible]47	−5	M *m*	...
631					
n	+ 3·932	−44·719	0·80	43.1347	9·8
...	3·939	+34·586	−2	..	...
...	4·020	−50·424	−5	M *m*	...
...	4·061	−14·863	−5	M *m*	...
...	4·063	−11·402	−4	M *m*	...
n	+ 4·090	−41·713	0·80	43.1347	9·8
...	4·104	+13·[illegible]35	−5	M *m*	...
...	4·105	+58·458	−3	...	...
...	4·109	−42·864	−5	M	...
S *	4·178	+43·146	1·45	42.1319	9·0
641					
..	+ 4·182	−46·200	−5	M	...
...	4·225	−12·289	−4	M *m*	...
...	4·267	−20·380	−3	M	...
*	4·304	−21·147	1·10	43.1348	9·8
...	4·394	+10·529	−5	M *m*	...
*	+ 4·545	+12·050	1·00	42.1320	10·0
...	4·561	+ 5·297	−3	M *m*	...
*	4·726	−44·476	1·45	43.1349	9·0
...	4·825	+14·325	−4	*m*	...
...	4·930	−11·094	−5	*m*	...
651					
...	+ 4·937	−40·599	−4	M	...
†	5·034	+ 9·945	−5	*m*	...
...	5·087	+36·695	−5	*m*	...
...	5·345	− 1·118	−3	*m*	...
...	5·386	+30·727	−4	*m*	...
...	+ 5·449	−13·865	−4	...	...
...	5·598	−24·930	−3	...	...
*	5·634	+28·497	1·00	42.1321	10·0
*	5·684	−42·748	1·05	43.1350	9·8
...	5·972	+39·974	−5	*m*	...

631, 636. C.P.D., probably [illegible]ss.

661–720

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
661					
...	+ 6·380	−58·757	− 4	...	...
*	6·766	+33·023	1·00	42.1322	9·9
*	6·855	+44·397	1·80	42.1323	8·9
...	7·002	+32·384	− 5	*m*	...
...	7·027	−40·836	− 5	*m*	...
..	+ 7·082	−55·722	− 5	...	..
.	7·112	−46·726	− 3	..	...
...	7·223	+30·640	− 5	*m*	...
...	7·250	+33·323	0·70	...	...
.	7·255	−51·428	− 5	...	.
671					
...	+ 7·263	+36·666	− 5	*m*	...
...	7·272	+59·461	− 2	...	...
†	7·490	− 0·043	− 5	*m*	...
...	7·576	+52·102	− 2	...	
	7·583	+47·464	− 4	*m*	...
...	+ 7·632	−38·594	− 2	...	...
	7·633	+15·591	− 5	*m*	
.	7·634	+32·996	− 5	*m*	...
...	7·712	+44·970	− 1	...	...
...	7·749	+ 7·538	− 3	*m*	...
681					
*	+ 7·791	−55·046	1·10	43.1351	10·0
...	7·833	− 1·443	− 5	*m*	...
...	7·938	−58·127	− 4	...	...
..	7·970	+19·460	− 5	*m*	...
..	8·131	+20·418	− 4	*m*	.
.	+ 8·181	+34·132	− 5	*m*	...
..	8·246	−15·634	− 5	. .	..
...	8·413	−52·514	− 5	...	..
...	8·487	+42·674	− 5	*m*	.
...	8·594	+ 1·909	− 3	*m*	...
691					
*	+ 8·785	−31·764	1·00	43.1352	10·4
...	8·961	+ 5·774	− 5	*m*	...
†	9·043	+34·853	− 5	*m*	...
.	9·095	−39·034	− 5	*m*	...
.	9·268	−37·257	− 4	...	.
	+ 9·351	+ 8·933	− 2	*m*	...
...	9·409	+46·744	− 5	*m*	...
.	9·502	−58·078	− 5	...	...
	9·582	+ 2·680	1·00	...	...
...	9·713	+57·034	− 4	*m*	...
701					
...	+ 9·727	+52·092	− 5	*m*	.
...	9·830	+49·459	− 5	*m*	
...	9·880	−27·186	− 3	...	...
*	9·893	+15·678	1·00	...	
...	9·903	−44·393	0·70	43.1353	10·4
.	+ 9·958	−20·564	− 5	*m*	...
	9·978	−18·473	− 2	.	...
..	10·014	−23·137	− 1	...	...
+	10·224	− 9·335	1·15	42.1324	9·3
...	10·339	−48·318	− 3	...	...
711					
..	+10·352	−45·133	− 3	..	.
	10·360	+ 0·931	− 4	*m*	
.	10·504	−16·142	− 1	..	
..	10·614	+ 1·203	− 5	.	...
...	10·641	−58·581	− 5	...	
...	+10·887	+22·935	− 1	..	...
...	10·976	+ 3·748	− 5	*m*	
...	11·113	−36·317	0·65	43.1354	10·4
...	11·151	− 5·778	− 3	*m*	..
...	11·153	+53·173	− 5	*m*	...

721–780

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
721					
...	+11·163	−23·948	− 3	...	...
...	11·186	−17·330	− 5	*m*	...
...	11·330	+20·717	− 5	*m*	...
..	11·375	+ 0·863	− 5	*m*	...
...	11·462	−54·010	− 5	...	...
...	+11·522	−36·606	− 4	...	...
...	11·580	+ 9·476	− 1	*a*	...
...	11·604	−52·996	0·70	43.1355	10·2
...	11·661	+32·492	0·75	...	...
...	11·781	−39·255	− 5	*m*	...
731					
...	+11·849	+ 7·917	− 3	*m*	...
...	11·936	+33·296	− 5	*m*	...
...	12·028	−42·695	− 5	...	...
.	12·035	+36·692	0·80	42.1325	10·0
..	12·211	−41·891	− 4	...	...
.	+12·328	−23·015	− 4	...	...
...	12·519	− 6·291	− 5	*m*	...
...	12·550	+56·101	− 5	*m*	...
...	12·583	+ 5·437	− 5	*m*	...
...	12·699	+38·583	0·70		
741				42.1326	9·9
...	+12·714	+38·527	− 1		
*	12·893	−56·930	1·20	43.1356	9·6
.	13·151	−43·598	− 5	...	...
...	13·483	+35·038	− 5	*m*	...
.	13·529	+ 6·841	0·65	42.1327	10·0
...	+13·559	+17·889	− 5	*m*	...
...	13·712	+ 9·222	− 5	*m*	...
...	13·743	+34·401	− 3	*m*	...
..	13·829	+18·203	0·70		.
...	13·933	+58·464	0·70	...	...
751					
...	+14·060	−38·776	− 4	...	...
...	14·064	−11·123	− 3	...	.
...	14·163	−41·479	− 5	...	..
..	14·514	+31·081	− 4	*m*	..
..	14·579	−42·409	− 4	...	...
..	+14·703	+ 2·829	− 5	*m*	...
S *	14·797	+ 8·340	1·38	42.1328	9·1
...	14·822	+37·659	0·70	...	...
..	14·824	+48·769	− 5	*m*	...
...	14·931	+22·501	− 5	*m*	..
761					
...	+14·939	+19·121	− 4	*m*	...
..	15·266	+ 7·494	− 5	*m*	.
...	15·392	+32·737	− 4	*m*	.
...	15·416	−53·151	− 2	...	..
N	15·536	+34·030	− 1	*a*	..
...	+15·602	−25·581	− 2	...	..
...	15·645	−10·283	− 5	*m*	..
..	15·696	−30·856	− 5	*m*	...
	15·722	+15·550	− 4	*m*	...
...	15·803	+41·963	− 2	*a*	..
771					
..	+15·956	− 6·241	− 5	*m*	..
.	15·981	+ 7·769	− 5	*m*	...
...	16·048	+56·744	− 5	*m*	..
..	16·389	+38·642	− 4	*m*	...
...	16·470	−30·810	− 2	...	...
...	+16·671	+26·735	− 4	*m*	...
	16·723	−11·488	− 5	*m*	..
..	16·752	+ 39·159	− 4	*m*	...
*	16·754	−49·429	1·15	43.1357	9·4
...	16·958	+49·142	− 4	*m*	...

781–840

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
781					
...	+17·010	−48·829	0·70	43.1358	10·4
...	17·924	−26·808	− 5	*m*	...
*	17·945	−38·512	1·50	43.1359	9·0
...	18·068	+34·519	− 4	*m*	...
...	18·191	− 5·529	− 5	*m*	...
...	+18·247	−40·400	− 5	...	...
...	18·313	−36·601	− 2	...	...
..	18·405	−37·539	− 4	...	...
...	18·430	+11·734	− 1	*a*	...
...	18·469	+41·474	− 2	*a*	...
791					
...	+18·470	+ 17·896	− 5	*m*	...
...	18·481	− 8·361	− 3	...	...
*	18·574	+52·766	1·10	42.1329	9·8
...	18·592	+14·356	− 5	*e*	...
...	18·628	−26·159	− 4	...	...
...	+18·687	−40·423	0·80	43.1360	10·2
	18·903	+30·957	− 5	*m*	...
...	18·933	+30·678	− 5	*m*	...
...	19·142	+14·206	− 1	*a*	...
...	19·151	−30·891	− 5	...	...
801					
..	+19·290	+20·344	− 3	*m*	..
...	19·700	+33·011	− 2	...	...
...	19·879	+34·971	− 2	...	...
.	20·224	− 4·874	− 2	.	...
...	20·384	−52·360	− 4		...
..	+20·428	+41·570	− 3	*m*	...
.	20·432	+31·722	0·75	...	...
...	20·450	+ 3·655	− 4	*m*	..
...	20·544	+30·999	− 5	*m*	...
...	20·620	−33·253	− 5	...	...
811					
...	+20·751	+13·396	− 5	*m*	...
...	20·925	−41·391	− 5	...	...
*	20·941	+10·128	1·10	42.1330	9·4
...	20·976	+26·065	0·85	...	...
...	21·033	−18·143	− 4	...	...
...	+21·137	+15·551	− 5	*m*	...
*	21·289	− 9·389	1·10	43.1361	9·8
*	21·341	−52·270	1·15	43.1362	9·4
...	21·523	− 6·767	− 4	*m*	...
...	21·549	+12·807	− 4	*m*	...
821					
...	+21·549	−59·289	0·70	43.1363	10·4
..	21·601	− 7·682	− 5	*m*	...
...	21·825	−18·464	− 4	.	...
...	21·827	−29·536	− 1	...	...
...	21·880	−10·495	− 2	...	...
	+22·338	−18·336	2·30	43.1367	7·7
.	22·379	−17·780	0·70	...	...
...	22·388	−47·164	− 5	..	...
.	22·483	−58·615	− 5	...	...
...	22·527	+35·118	0·80	...	...
831					
..	+22·664	+23·293	− 4	*m*	...
n	22·731	−59·765	1·00	43.1365	9·4
†	22·765	− 5·031	− 3	...	...
...	22·812	−25·595	− 4	...	...
n *	22·853	−59·786	1·20	43.1365	9·4
..	+22·912	+40·407	0·70	..	...
..	22·957	− 4·829	− 2	...	...
...	23·003	−39·790	0·70	. .	...
. .	23·402	−15·113	− 4	..	...
.	23·450	−21·077	− 5	...	...

765, 42·45, observed by Hasam.

832, 835. C.P.D., probably mass.

841–900

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
841					
...	+23·622	+35·957	− 5	m	...
*	23·658	− 3·599	1·00	43·1366	9·8
...	23·699	+ 4·308	0·90	...	...
...	23·745	−23·358	− 2	...	...
...	23·765	−37·279	0·80	43·1367	10·4
...	+23·766	−21·945	− 4	..	...
...	23·792	+45·715	− 4	m	...
*	23·976	+28·321	1·00	42.1331	9·9
S *	24·011	−53·843	1·48	43.1368	9·0
...	24·014	−24·077	− 5	...	...
851					
*	+24·134	+ 0·600	1·35	42.1332	9·1
...	24·162	−23·420	− 5	...	...
...	24·475	+30·352	− 5	m	...
...	24·563	+27·147	0·90	42.1333	10·0
...	24·755	−56·578	− 1	43.1370	10·2
...	+24·797	− 8·465	− 4	m	
...	24·818	−17·999	− 5	m	..
..	24·876	−32·855	− 4	...	...
...	24·907	+11·834	− 4	..	...
*	25·016	−15·674	1·20	43.1369	9·4
861					
†	+25·120	+48·032	− 4		
†	25·235	−45·997	− 5	...	
...	25·314	−56·787	− 3	.	
..	25·424	−47·654	− 3		
...	25·545	−15·859	− 2	...	.
†	+25·546	− 5·033	− 3	...	
...	25·568	+15·907	− 3	m	...
..	25·719	+38·108	− 2	...	...
*	25·795	−21·876	1·00	43.1371	10·0
*	25·809	+32·998	1·10	42.1334	9·5
871					
...	+25·842	−22·279	− 3	...	...
...	25·852	+16·561	− 3	m	..
...	25·874	+35·329	− 3	..	
...	25·932	−51·930	− 5	...	
..	25·957	+44·623	− 4	..	
...	+25·967	− 3·471	− 3	..	.
...	26·047	+49·286	− 5	m	
...	26·347	−55·303	− 4	...	.
...	26·562	+23·616	− 5	..	
...	26·643	−16·013	− 5	m	...
881					
...	+26·708	+26·170	0·80	...	
...	26·849	+36·672	− 5	m	.
...	26·872	− 3·459	− 5	m	...
...	26·946	−34·166	0·65	43.1372	10·4
...	27·012	+28·033	− 5	m	...
...	+27·125	−14·016	− 2	...	
...	27·225	− 6·026	− 4	m	.
...	27·677	−46·824	− 5	.	
...	27·804	−40·604	− 5		
...	27·845	−32·614	− 2	.	
891					
...	+27·874	+30·408	− 4	m	.
...	27·885	−46·388	0·75	43.1373	10·4
...	27·917	− 3·472	− 5	m	.
...	27·948	+26·914	− 1	..	...
...	28·065	− 9·871	− 5	...	...
...	+28·131	+10·640	0·65	...	.
...	28·175	+21·810	− 5	m	..
...	28·362	− 8·981	− 3	...	.
*	28·371	+47·580	1·10	42.1335	9·6
...	28·472	− 3·234	− 4	m	...

901–960

Notes.	Co-ordinates. x	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
901					
.	+28·698	+52·871	− 3	m	...
...	28·734	+27·438	− 4	m	...
	28·746	+43·702	− 5	m	...
	28·762	+42·441	− 1	..	...
.	28·933	+14·426	− 5	m	...
...	+28·948	− 9·798	− 4	..	..
	29·037	−18·892	0·65	43.1374	10·4
	29·061	−50·318	− 5	...	.
	29·424	−51·048	− 5	...	..
...	29·578	− 6·939	− 5	m	...
911					
...	+29·586	+34·299	− 5	m	..
.	29·644	−59·544	− 5	..	.
	29·666	−18·585	− 5	m	
.	29·686	+39·529	0·70	...	
.	29·717	+53·260	− 2	...	
.	+29·950	−11·143	− 5	m	...
...	29·963	−44·356	− 4	...	...
*	29·989	−38·342	1·90	43.1376	8·3
.	30·004	+51·951	− 2	..	...
†	30·123	−56·725	− 4	...	.
921					
†	+30·174	− 8·819	− 4	...	...
	30·269	+31·053	− 3	m	.
.	30·454	− 5·968	− 5	m	...
S *	30·485	+22·574	1·90	42.1336	8·2
*	30·664	+ 9·688	1·1	42.1337	9·4
	+30·741	− 6·771	− 2	...	
.	30·814	−33·814	− 4	.	.
...	31·081	−49·104	− 4	...	...
	31·147	−38·936	0·65	.	...
...	31·225	−38·177	− 5	m	...
931					
...	+31·276	+32·828	− 5	m	.
.	31·331	+ 9·294	0·65	...	..
..	31·332	+ 2·028	− 4	m	..
	31·336	+ 7·149	− 4	m	..
...	31·392	+ 5·027	− 5	m	.
	+31·472	+25·104	0·80	..	...
..	31·499	− 6·025	− 2	...	.
	31·502	−31·592	− 2	..	.
..	31·503	− 3·426	− 4	.	.
...	31·506	+28·889	− 3	m	...
941					
...	+31·513	−51·987	− 5	..	..
...	31·526	−16·854	− 3	...	
	31·715	−50·267	− 4	..	...
..	31·818	−45·790	− 4	.	..
*	31·840	−51·517	1·80	42.1338	9·1
.	+31·852	−36·579	− 1	...	...
...	31·901	−45·020	− 4	...	...
	31·944	+17·883	− 4	m	...
...	32·064	−12·020	− 3	...	...
.	32·133	− 7·385	0·65	...	
951					
	+32·130	−57·284	− 5	...	...
...	32·188	+37·151	0·80	42.1339	10·0
	32·344	+11·792	0·70	...	...
	32·460	+33·172	− 5	m	...
..	32·581	−46·127	0·65	43.1378	10·4
.	+32·605	−26·144	− 5	.	.
..	32·759	+35·234	0·75		..
.	32·825	−37·836	− 5	.	...
..	32·898	−12·390	− 2	...	...
	32·959	−23·654	− 2	.	...

961–1020

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
961					
	+33·[illegible]	+16·[illegible]	− 2	m	..
	33·219	−11·051	− 4	.	..
.	33·237	− 9·401	− 3		.
...	33·247	+42·705	0·70	..	.
	33·490	−51·630	− 3	...	.
...	+33·522	− 6·138	− 5	m	...
	33·631	+40·402	0·70	...	...
	33·818	−46·221	− 2	...	...
	33·[illegible]	+54·638	− 5	m	...
...	33·902	− 5·729	− 5	m	...
971					
	+33·928	−49·772	− 5	m	...
	34·007	− 1·504	− 4	...	...
...	34·[illegible]	+34·143	− 5	m	...
	34·215	−53·844	0·90	43.1380	10·2
...	34·219	−13·859	− 5	m	...
...	+34·265	−42·047	0·80	43.1379	10·4
...	34·326	−21·489	− 5	m	...
...	34·385	− 1·45[illegible]	− 5	m	
...	34·431	+ 2·614	− 2	.	...
...	34·432	−37·025	− 5	.	
981					
...	+34·733	− 1·728	− 5	m	
	34·781	+50·499	− 4	m	...
	34·920	−31·750	− 5	m	..
.	34·93[illegible]	+28·169	− 1		...
	34·939	−56·742	− 2		
†	+35·04[illegible]	+14·036	− 3		
	35·227	−25·511	− 5	.	...
.	35·287	+13·775	− 2	m	
.	35·318	+ 5·310	− 5	m	...
...	35·516	−53·454	− 4	...	
991					
*	+35·659	+51·358	1·20	42.1340	9·6
.	35·6[illegible]	−15·925	− 4	...	.
.	35·8[illegible]	+47·596	− 5	m	
...	36·001	+17·723	− 4	m	...
	36·143	−27·717	− 3	...	
	+36·218	+24·711	− 5	m	
...	36·218	− 6·681	0·65	...	...
	36·252	+37·915	− 4	m	
.	36·256	−27·139	− 3	43.1381	10·4
...	36·297	−27·115	− 2		
1001					
...	+36·427	+16·662	− 4	m	...
a	36·452	− 0·152	0·70	42.1342	10·4
*	36·492	+21·285	1·00	42.1341	9·6
.	36·500	+58·990	− 5	m	.
	36·516	−51·723	− 4	.	
	+36·524	−59·226	− 4	.	
...	36·628	+51·995	− 1		.
	36·635	−31·706	− 5	.	
.	36·687	+25·108	− 4	m	..
.	36·756	+31·411	− 4	m	...
1011					
	+36·774	−16·255	1·30	43.1382	8·9
...	36·934	−19·751	− 3	...	...
..	37·148	+52·619	− 2	...	..
..	37·209	−21·851	− 5	m	.
..	37·335	+40·055	− 2	...	...
..	+37·522	+58·829	− 4	m	..
...	37·722	−12·334	− 3	a	...
...	37·878	−39·266	− 5	...	...
...	37·987	−11·402	− 3	..	...
...	38·002	−52·016	− 4	...	...

1021–1080

Notes.	Co-ordinates. x.	y.	Diam. −1.	C.P.D. No.	Mag.
1021					
*	+38′094	+26′116	1·00	42°1343	9·8
...	38·131	+11·064	− 1	...	...
...	38·201	−56·190	− 5	...	..
	38·251	−20·104	0·70	43.1383	10·4
..	38·324	−28·865	− 4	...	...
...	+38·440	+48·152	− 3	...	...
...	38·531	+ 0·338	− 5	*m*	...
..	38·567	−58·137	0·65	43.1385	10·2
..	38·585	+18·860	− 2	...	.
..	38·646	−13·582	− 5	*m*	...
1031					
...	+38·647	−40·829	− 3	..	...
.	38·831	+15·418	− 4	*m*	...
...	38·845	−39·630	− 5	...	...
..	38·944	+13·072	− 5	*m*	...
..	39·114	−57·267	− 5	...	...
...	+39·214	+ 1·712	− 4	*m*	...
...	39·229	−31·020	− 5	*m*	.
...	39·242	− 4·365	− 1	...	...
.	39·266	− 1·657	− 3	...	...
..	39·275	−25·273	− 4	*m*	...
1041					
*	+39·356	−27·147	1·00	43.1386	10·2
...	39·435	+59·362	− 5	*m*	...
..	39·525	−58·851	− 5	...	...
..	39·681	−20·413	− 4	...	...
...	39·756	+58·939	0·85	41.1378	10·0
...	+39·895	−18·536	− 3	...	...
S *	39·928	+21·928	1·00	42.1344	9·6
†	40·095	−38·092	− 5	...	...
†	40·161	−20·871	− 1	43.1387	10·4
...	40·184	+12·047	− 5	*m*	...
1051					
†	+40·211	− 9·984	− 5	*m*	
...	40·239	−26·727	− 5	*m*	
...	40·263	−15·081	− 5	*m*	.
..	40·470	+16·911	− 1	...	..
‡	40·483	− 5·044	1·00	43.1388	10·1
*	+40·642	−46·873	1·05	43.1389	9·8
.	40·674	−21·630	− 3	...	..
...	40·681	−18·060	− 2	...	..
...	40·919	+27·606	− 3	*m*	..
.	41·126	+16·520	− 2	*a*	.
1061					
...	+41·278	−31·746	− 4	...	..
..	41·418	−16·560	− 3	...	...
...	41·478	−34·554	− 3	..	.
..	41·670	+ 3·139	− 2	*m*	
...	41·674	+41·107	− 2	...	...
..	+41·675	+35·550	− 5	*m*	.
...	41·683	+37·135	− 4	*m*	.
	41·771	+55·929	− 4	*m*	..
	41·776	−35·398	− 5	*m*	...
...	42·009	−51·800	− 5	...	.
1071					
...	+42·044	−23·043	0·65	...	
	42·078	−56·403	− 5	...	
.	42·102	+37·867	− 5	*m*	...
..	42·145	−18·365	− 1	...	
	42·212	+44·458	− 5	*m*	.
.	+42·318	+18·049	0·70	...	
.	42·352	+13·745	− 3	*m*	.
...	42·426	−26·303	− 1	43.1393	10·4
..	42·777	+ 5·044	− 4	*m*	...
*	42·803	−29·102	1·00	43.1395	10·0

1081–1140

Notes.	Co-ordinates. x.	y.	Diam. −1.	C.P.D. No.	Mag.
1081					
*	+42′847	−13′612	1·00	43°1394	10·0
...	42·955	+52·450	− 2	...	...
...	42·985	+52·572	− 3	*a*	...
...	43·147	+38·563	0·85	...	.
†	43·422	+49·846	− 4	...	..
...	+43·442	+28·897	− 5	*m*	...
...	43·465	+48·927	− 3	...	...
*	43·543	− 8·657	1·10	43.1396	9·4
...	43·604	−36·383	− 4	...	...
...	43·617	−29·756	− 3	...	...
1091					
...	+43·700	−44·524	− 4	...	...
...	43·994	−29·866	− 2	..	...
...	44·009	+30·042	− 2	...	...
S *	44·185	−32·523	1·48	43.1397	8·9
...	44·290	−10·971	− 2	...	...
...	+44·294	−19·656	− 3	...	...
..	44·321	+57·032	0·80	42.1345	10·0
...	44·359	− 0·867	− 4	*m*	...
..	44·375	− 5·166	− 1	...	...
...	44·442	−39·484	0·80	43.1398	10·2
1101					
...	+44·574	+52·286	0·75	...	...
...	44·637	+15·322	− 3	*m*	...
*	44·738	+12·761	1·10	42.1346	9·6
...	45·151	+48·717	− 1	...	...
†	45·152	−12·778	− 5	*m*	...
...	+45·177	+ 1·374	− 3	*m*	...
*	45·281	−23·753	1·00	43.1399	10·0
...	45·305	−55·623	− 4	...	...
...	45·379	+29·547	− 5	*m*	...
...	45·427	+24·465	− 3	*m*	...
1111					
...	+45·530	−27·528	− 2	...	...
...	45·777	+ 0·797	− 2	*m*	...
...	45·778	− 0·579	− 3	...	..
..	45·944	+25·007	− 3	*m*	...
...	46·026	− 8·873	− 1	...	...
...	+46·027	+ 9·493	− 3	*m*	...
...	46·107	+52·386	− 2	...	...
...	46·140	−11·545	− 5	*m*	...
*	46·197	− 9·861	1·10	43.1400	9·8
...	46·429	+ 2·387	− 4	*m*	...
1121					
...	+46·580	− 9·478	− 5	*m*	...
...	46·584	−58·571	0·80	43.1402	10·4
...	46·631	−14·681	0·80	43.1401	10·4
...	46·638	−12·039	− 3	...	...
...	46·711	− 1·009	− 2	*m*	...
...	+46·726	+22·627	0·65	...	.
...	46·754	+35·631	− 5	*m*	.
*	46·899	+19·289	1·00	...	...
..	46·948	−29·306	− 5	...	...
..	47·101	−58·694	− 5	...	
1131					
...	+47·209	+40·489	− 5	*m*	..
.	47·386	−10·869	− 4	...	...
...	47·403	−41·636	− 5	*m*	...
*	47·704	+ 7·132	1·00	...	...
...	48·274	−14·013	− 1	...	...
...	+48·333	+25·216	− 5	*m*	...
...	48·376	+31·209	− 5	*m*	...
...	48·663	+29·038	− 4	*m*	...
...	48·753	−36·946	− 4	...	...
*	48·962	−52·320	1·15	43.1404	9·8

1141–1200

Notes.	Co-ordinates. x.	y.	Diam. −1.	C.P.D. No.	Mag.
1141					
...	+49′000	+57′842	− 1	° ...	...
..	49·034	+58·311	0·70	41.1386	10·0
...	49·092	+15·155	− 3	*m*	...
...	49·112	− 6·014	− 2	...	...
...	49·138	−11·908	− 5	*m*	...
...	+49·238	−13·573	0·80	43.1403	10·4
...	49·242	− 0·676	0·80	42.1347	10·4
..	49·324	−40·500	− 5	*m*	...
..	49·336	−29·555	− 4	...	...
...	49·506	−19·192	− 2	...	...
1151					
...	+49·667	− 5·619	− 4	*m*	...
*	49·697	− 4·887	1·00	43.1405	10·1
...	49·697	−15·937	− 5	...	...
*	49·800	−12·859	1·00	43.1406	10·0
...	49·957	+23·743	− 5	*m*	...
†	+49·989	+39·377	0·70	...	...
†	50·048	−48·663	− 2	43.1407	10·4
†	50·088	+ 6·868	0·65	...	.
...	50·157	+11·341	− 3	*m*	...
†	50·170	−33·223	− 5	...	...
1161					
...	+50·427	− 3·335	− 2	...	...
...	50·541	−27·238	− 5	...	...
...	50·763	+26·530	− 5	*m*	...
...	50·764	−32·927	− 4	...	..
...	50·997	+12·044	0·80	...	...
...	+51·019	+ 9·834	− 5	*m*	...
...	51·086	+48·938	− 2	...	...
...	51·110	+39·379	− 5	*m*	...
...	51·250	+36·757	0·75	42.1348	10·0
...	51·262	− 9·814	− 5	*m*	...
1171					
*	+51·398	+14·669	1·00	42.1349	10·0
...	51·652	−26·646	− 4	...	...
...	51·696	+19·004	− 1	...	...
...	51·786	−57·350	0·65	43.1412	10·2
...	51·902	+42·985	− 5	*m*	...
...	+51·927	+26·281	− 5	*m*	...
...	51·930	+32·647	− 1	...	...
..	51·941	−38·812	− 2	43.1411	10·4
...	52·101	−22·784	− 5	...	...
*	52·120	−19·541	1·20	43.1410	9·6
1181					
...	+52·224	+34·672	− 5	*m*	...
S *	52·232	+21·271	1·25	42.1350	9·3
..	52·234	+38·477	− 5	*m*	...
...	52·257	+14·458	− 3	*m*	...
..	52·276	−15·578	− 4	*m*	...
...	+52·476	−20·499	− 4	...	...
†	52·624	−19·950	− 3	...	...
...	52·628	+42·886	− 5	*m*	...
*	52·682	−23·551	1·45	43.1413	9·1
..	52·749	−56·988	0·65	43.1415	10·0
1191					
N *	+52·897	−35·055	1·15	43.1414	9·0
N *	52·972	−35·055	1·05		
...	52·944	−12·015	− 5	*m*	...
*	53·076	+ 7·675	1·35	42.1351	9·0
...	53·134	−26·246	− 5	...	...
...	+53·242	+25·750	− 5	*m*	...
..	53·520	+42·512	− 4	*m*	...
...	53·641	+15·280	− 2	...	...
...	53·708	−49·284	− 5	...	...
*	53·768	−27·771	1·20	43.1416	9·5

1191, 1192. 43°·45, mass. 44·45, two stars.

1201–1220

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
1201					
*	+53·838	−44·537	1·15	43.1417	9·8
.	54·000	−57·161	− 5	...	...
.	54·173	+13·809	− 5	m	...
.	54·184	+23·074	− 3	m	
...	54·427	−15·306	− 5	m	
...	+54·562	−30·081	− 4	..	..
...	54·631	−20·492	− 3	...	.
*	54·638	−28·926	1·00	43.1418	10·0
.	55·274	−22·450	− 2	...	...
...	55·342	−21·756	− 4	...	...
1211					
*	+55·436	−13·504	1·30	43.1419	9·2
†	55·742	+54·869	1·15	42.1352	9·6
*	55·765	+15·476	1·10	42.1353	9·9
...	55·770	−28·752	− 3	..	...
...	55·822	+26·644	− 5	m	...
...	+55·856	−38·408	− 3	...	...
...	55·858	−48·171	− 4	...	...
*	55·905	+11·129	1·25	42.1354	9·4
...	56·009	−42·179	− 4	...	...
...	56·085	−40·167	− 5	...	...

1221–1240

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
1221					
.	+56·150	−4·286	− 4	...	.
...	56·209	+24·124	− 1	.	
...	56·234	−20·925	− 3	...	.
.	56·278	+28·104	− 4	m	...
*	56·279	−27·122	1·00	43.1420	10·0
...	+56·337	+11·392	− 5	m	...
.	56·541	+24·547	− 2	..	
...	56·664	−32·104	− 5	m	
...	56·786	+ 6·292	− 3	...	...
*	56·929	− 9·645	1·20	43.1421	9·2
1231					
...	+57·002	−18·282	− 5	m	
...	57·147	−40·158	− 5	...	
...	57·295	− 1·681	− 2	...	...
...	57·582	−36·458	− 4	...	...
..	57·632	+43·096	− 5	m	
...	+57·725	−33·867	− 5	...	.
.	57·747	−23·029	− 4	...	...
...	57·797	− 0·628	− 5	m	.
..	57·975	+29·624	− 5	m	
...	58·036	+23·012	− 5	m	

1241–1252

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
1241					
*	+58·324	+23·320	1·00	42.1355	9·9
	58·759	−19·517	− 5	...	...
	59·078	+22·023	0·75	42.1356	10·2
.	59·117	−29·150	− 2	...	...
	59·170	−33·306	− 5	...	...
...	+59·183	−39·193	− 5	...	...
...	59·346	− 4·71	− 5	...	...
...	59·418	−29·415	− 5	..	...
...	59·719	−22·621	− 5	...	...
...	59·753	+34·337	− 3	..	.
1251					
...	+59·820	−20·279	0·70	43.1422	10·2
*	59·937	−54·180	2·00	43.1425	8·8

1–30

1					
†	−59·881	− 5·040	− 2	43.1405	10·1
†	59·879	+ 6·728	0·70	...	...
...	59·663	−19·339	− 4	...	...
...	59·597	+36·635	0·65	42.1348	10·0
*	59·557	−13·508	1·00	43.1406	10·0
. .	−59·212	− 3·463	− 4	...	...
...	59·212	−52·477	0·90	43.1404	9·8
. .	59·110	+11·926	0·75	...	...
...	58·785	+14·567	0·90	42.1349	10·0
...	58·782	+32·546	− 4	...	...
11					
...	−58·627	+18·902	− 4	...	...
...	58·234	−48·788	− 5	43.1407	10·4
S *	58·142	+21·179	1·30	42.1350	9·3
*	57·040	−19·611	1·25	43.1410	9·6
*	56·885	+ 7·621	1·45	42.1351	9·0
...	−56·632	−38·868	− 5	43.1411	10·4
..	56·566	+15·244	− 4	. .	...
...	56·532	−19·997	− 5	...	...
*	56·358	−23·610	1·40	43.1413	9·1
...	56·266	+23·050	− 5	M	...
21					
...	−56·243	−57·417	− 3	43.1412	10·2
N *	55·765	−35·085	1·40	43.1414	9·0
*	55·626	+54·880	1·10	42.1352	9·6
...	55·306	−57·024	− 3	43.1415	10·0
*	55·133	−27·787	1·30	43.1416	9·5
*	−54·572	−44·557	1·15	43.1417	9·8
...	54·491	−20·479	− 5	...	...
*	54·441	+15·495	1·10	42.1353	9·9
...	54·258	+24·159	− 3	...	...
...	54·246	−28·922	0·85	43.1418	10·0

31–60

31					
*	−54·166	+11·160	1·20	42.1354	9·4
...	53·944	+24·592	− 5	...	...
*	53·901	−13·478	1·30	43.1419	9·2
	53·787	−22·427	− 4	..	
	53·147	+ 6·349	− 5	.	
.	−53·107	−28·705	− 5	...	
...	52·882	−20·871	− 5	..	.
...	52·737	−38·361	− 5	..	
..	52·637	−27·055	0·90	43.1420	10·0
*	52·519	− 9·575	1·30	43.1421	9·2
41					
...	−52·392	− 1·597	− 5	...	...
...	52·116	+23·418	0·90	42.1355	9·9
...	51·309	+22·138	0·75	42.1356	10·2
...	50·999	+34·478	− 5	...	...
*	49·788	+26·725	1·30	42.1357	9·6
..	−49·768	−29·001	− 4	...	...
...	49·483	− 5·961	− 5	...	...
†	49·311	−20·138	− 2	43.1422	10·2
*	49·050	+ 6·458	1·10	42.1358	9·8
.	48·603	−23·841	− 2	43.1423	10·2
51					
*	−48·497	−12·034	1·00	43.1424	9·8
..	48·276	−38·739	− 5	...	...
...	48·225	−12·211	− 3	...	...
*	48·153	−54·000	2·00	43.1425	8·8
...	48·114	−18·745	− 5	...	...
...	−47·535	+20·649	− 5	M	...
†	47·195	−24·982	1·20	43.1426	9·6
...	46·430	−34·661	− 5	...	...
...	46·258	+55·467	− 3	42.1359	10·2
*	45·896	− 8·843	1·00	43.1427	9·8

61–90

61					
.	−45·783	+22·447	− 1	42.1360	10·2
.	45·563	+16·443	0·90	42.1361	10·0
	45·187	−24·532	− 3	..	...
	45·110	− 9·299	− 3	43.1428	10·4
†	44·941	+20·324	− 5		...
	−44·472	−11·125	0·80	43.1429	10·1
†	44·446	+14·729	0·80	42.1362	10·0
...	44·165	+57·038	− 5	..	...
*	43·999	−56·575	1·70	43.1430	9·5
*	43·543	+18·196	1·10	42.1363	9·8
71					
	−43·520	− 9·885	− 5	...	...
...	43·182	+ 3·518	− 3	B	...
	43·097	+29·101	1·40	42.1364	9·2
.	42·724	−46·364	− 2	43.1431	10·1
	42·704	+10·474	− 4	M	...
..	−42·438	+28·386	0·70	42.1365	10·2
*	42·386	+42·837	1·35	42.1366	9·4
...	42·192	−18·576	− 5	...	...
*	41·770	− 0·566	1·40	42.1367	9·1
*	41·719	−33·810	1·00	43.1432	10·0
81					
...	−41·017	+35·306	− 4	.	...
...	40·641	− 1·944	− 5	M	...
.	40·588	+13·633	0·70	42.1368	10·2
.	40·334	+20·755	− 5	...	...
†	40·093	+38·133	− 5	...	..
..	−40·075	−12·123	− 2	43.1434	10·4
.	40·045	−14·883	− 2	...	...
†	39·956	−15·883	− 4	...	..
.	39·942	+13·625	0·80	42.1369	10·2
...	39·739	+12·619	− 5	M	...

S measured from 1, 88, 181, 269, 361.
SB .. ,, 45, 135, 234, 309, 450.

22. Mass. 43°·44, 44°·45, two stars.

91–150

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
91					
..	−39·678	+21·022	− 2	...	...
*	39·677	−16·286	2·20	43·1435	8·4
	39·51	−55·421	− 4	43·1436	10·4
*	39·499	+4[illegible]	1·25	42.1370	9·6
...	38·417	−58·637	0·80	43·1438	10·0
...	−38·315	+40·863	− 5	M	...
...	38·311	+27·726	− 2	...	...
	37·879	+49·354	− 3	...	...
*	37·514	−38·894	1·05	43.1439	9·8
.	37·124	−24·479	− 4	...	...
101					
..	−36·978	−50·860	0·90	43.1440	9·8
.	36·929	− 8·240	0·80	43.1441	10·2
..	36·855	+15·108	− 5	M	...
	36·826	− 2·475	− 5	...	...
..	36·757	+48·098	− 4	...	...
...	−36·277	+13·584	− 5	M	...
	35·827	−18·401	− 3	...	...
...	35·693	−50·394	− 4	43·1442	10·4
*	35·595	+41·215	1·00	42.1371	10·0
..	35·387	+16·922	0·90	42.1372	10·2
111					
...	−35·267	− 6·769	− 5	...	..
*	34·566	−14·029	1·15	43.1444	9·3
S *	34·496	−53·369	1·50	43.1443	9·0
...	33·949	−19·723	− 5	...	...
S *	33·739	−11·454	3·00	43.1445	7·7
...	−33·432	−24·665	− 5	...	...
*	33·391	−30·810	1·25	43.1446	9·3
..	33·325	−39·725	− 3	43.1447	10·4
...	33·091	+ 9·149	− 2	...	...
...	32·567	+ 5·241	− 5	M	...
121					
...	−32·544	+20·152	− 4	M	...
.	32·422	+12·394	0·90	42.1373	10·0
*	32·311	+42·496	1·35	42.1374	9·1
	32·104	−57·429	− 4	43.1448	10·4
.	31·935	−44·183	− 5	...	...
*	−31·688	−26·396	1·00	43.1449	10·0
	31·642	−33·039	− 5	...	...
...	31·363	−53·152	0·80	43.1450	10·0
..	31·099	− 4·202	0·80	43.1451	10·4
...	30·752	+35·266	0·80	42.1376	10·2
131					
..	−30·724	+21·942	− 5	M	...
S *	30·721	+ 4·078	1·40	42.1375	9·2
..	30·621	−27·909	0·70	43.1452	10·4
.	30·322	−21·887	0·70	43.1453	10·4
	29·761	−30·532	− 5	..	...
...	−29·307	−32·764	− 1	...	...
	29·197	+26·955	− 4	...	...
*	28·907	+50·862	1·20	42.1378	9·6
	28·860	+ 1·051	0·65	42.1377	10·2
.	28·507	−49·863	− 3	43.1454	10·4
141					
*	−28·274	− 8·866	1·25	43.1456	9·3
.	28·255	−46·255	− 3	43.1455	10·4
*	28·100	+24·555	1·20	42.1379	9·6
.	27·904	+5[illegible]	− 3	...	...
...	27·852	+ 3·178	− 5	M	
..	−27·719	+37·9[illegible]	− 2	...	...
...	27·093	−25·757	− 5	...	.
...	26·815	−26·774	− 3	...	.
...	26·758	+21·722	− 5	M	...
.	26·735	−54·518	− 3	...	.

151–210

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
151					
...	−26·618	− 6·476	− 5	...	...
...	26·256	− 8·585	− 1	43.1457	10·2
...	25·798	+ 4·521	− 3	A	...
*	25·733	−24·333	1·15	43.1458	9·8
...	25·675	−58·663	− 3	...	...
...	−25·670	+ 5·548	− 1	...	...
...	25·538	+21·752	− 5	M	...
...	25·457	−21·541	− 5	...	...
...	24·768	+ 6·691	− 3	A	...
...	24·724	−40·902	− 5	...	...
161					
...	−24·418	+ 0·882	− 5	M	...
...	24·306	+10·483	− 5	M	...
..	24·302	−56·782	0·90	43.1459	10·0
...	24·098	−55·809	− 5	...	...
...	23·639	−29·921	− 3	43.1460	10·4
...	−23·556	−41·925	− 5	...	...
...	23·262	+41·163	0·90	42.1380	10·2
*	22·921	+ 7·340	1·00	42.1381	10·2
..	22·750	+11·726	− 5	M	...
...	22·718	−52·172	− 5	...	...
171					
...	−22·497	−33·486	− 3	...	...
...	21·704	−11·112	− 5	...	...
..	21·467	−14·415	− 4	...	...
...	21·281	+17·500	− 2	...	...
...	21·059	+56·319	− 5	...	..
...	−21·058	−21·764	− 5	...	...
*	20·950	+49·941	1·00	42.1382	10·2
...	20·949	− 2·919	− 5	...	...
...	20·825	−19·294	− 5	...	...
†	20·113	−10·126	− 5	43.1461	10·4
181					
...	−19·884	+29·219	− 5	M	...
*	19·475	+44·306	1·05	42.1384	10·0
.	19·466	+21·410	0·70	42.1383	10·2
...	18·917	−58·806	0·75	43.1462	10·0
...	18·744	+59·371	− 5	...	...
...	−18·526	−22·296	0·90	43.1463	9·8
*	18·446	−30·809	1·05	43.1464	9·8
...	18·215	−24·485	− 4	..	...
...	17·872	+55·982	− 5	..	...
...	17·863	+54·632	− 5		...
191					
...	−17·844	+31·118	− 4	...	...
...	17·833	−57·745	0·90	43.1465	9·8
*	17·751	+29·031	1·50	42.1385	9·0
..	17·729	+57·446	− 5	M	...
*	17·674	−35·079	1·10	43.1466	9·6
...	−17·355	−31·961	− 5	...	...
...	17·299	−31·711	− 5	...	...
...	17·187	+ 9·790	− 5	M	...
...	17·095	−21·008	− 2	43.1467	10·4
*	16·848	−10·425	1·20	43.1468	9·8
201					
...	−16·759	− 7·732	− 2	43.1469	10·4
..	16·745	−30·615	− 2	43.1470	10·4
...	16·670	+18·299	0·90	42.1386	10·2
.	16·473	+24·993	0·80	42.1387	10·2
*	16·393	+57·080	1·55	41.1421	8·8
..	−16·220	−36·199	− 5	...	...
.	16·196	−23·453	0·70	43.1471	10·4
*	15·689	+27·742	1·00	42.1388	9·8
...	15·606	−14·269	− 5	...	...
...	15·521	−25·809	− 4	...	...

211–270

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
211					
..	−15·002	+ 4·129	− 4	M	...
..	14·366	+28·080	− 2	...	...
...	14·178	+ 5·064	− 5	M	...
...	14·133	−14·431	0·75	43.1472	10·2
..	13·905	+33·360	0·75	42.1389	10·2
...	−13·375	−18·527	0·80	43.1473	10·2
...	13·248	+ 3·764	− 2	...	...
*	13·212	+47·397	1·10	42.1390	9·8
..	13·199	−12·383	− 5	...	...
...	13·137	+19·653	− 5	M	...
221					
*	−12·588	+ 6·395	1·00	42.1391	10·2
...	12·482	−50·142	− 4	43.1475	10·4
...	12·469	−26·998	− 1	43.1474	10·4
S *	12·389	+ 1·138	1·90	42.1392	8·8
...	12·372	+45·112	− 5	M	...
*	−12·351	−30·526	1·25	43.1476	9·6
...	11·662	+40·434	− 1	42.1393	10·2
*	11·476	−58·529	1·45	43.1477	9·0
...	11·132	− 0·538	− 4	...	...
...	11·094	+51·772	− 4	A	...
231					
...	−11·084	−41·581	− 5	...	...
*	10·800	+13·941	1·00	42.1394	10·1
...	10·432	−11·440	0·80	43.1478	10·0
*	9·687	−51·395	1·15	43.1479	9·8
†	9·575	+29·763	− 4	A	...
...	− 9·556	+49·926	− 2	...	...
...	9·483	+26·308	0·80	42.1395	10·2
...	8·916	−33·472	− 5	...	...
...	8·879	−19·088	− 2	43.1480	10·1
...	8·476	+34·551	− 1	...	...
241					
...	− 8·404	+ 4·428	− 5	M	...
..	7·719	+46·491	− 3	...	...
...	7·620	−20·298	− 3	43.1481	10·4
...	6·798	+25·980	− 5	M	...
...	6·703	−16·075	− 3	...	...
*	− 6·473	+11·236	1·30	42.1396	9·3
..	6·170	−59·374	0·90	43.1482	10·0
...	5·653	−28·919	− 5	...	...
*	5·555	+12·999	1·00	42.1397	9·8
..	5·510	+30·105	− 4	D	...
251					
...	− 4·841	+54·022	− 4	...	...
...	4·709	+11·934	− 3	B *m*	...
*	4·560	−46·279	1·05	43.1483	9·7
...	4·061	− 2·332	− 2	42.1398	10·2
...	3·865	+ 4·562	− 3	A *m*	...
-	− 3·780	−55·375	1·35	43.1484	9·0
...	3·718	+23·078	− 5	M *m*	...
...	3·684	+14·767	− 3	*m*	...
...	3·580	+ 8·497	− 3	...	...
S *	3·401	+46·753	2·20	42.1399	8·4
261					
...	− 2·879	+45·084	− 5	M *m*	...
...	2·750	−51·271	− 5	...	...
...	2·282	+22·840	− 3	*m*	...
.	2·213	−22·773	− 4	...	...
...	1·974	+21·305	− 1	42.1400	10·2
*	− 1·724	+29·292	1·00	42.1401	9·8
*	1·219	+36·655	1·00	42.1402	9·8
...	0·921	+ 2·787	− 3	B *m*	...
...	− 0·096	+41·078	− 4	...	...
..	+ 0·120	+54·074	− 5	M	..

271–330

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
271					
...	+ 0·127	−41·238	0·90	43.1486	10·0
...	0·222	−33·231	−4	.	...
...	0·449	+42·250	−2	.	...
*	0·672	+57·626	1·15	41.1437	9·6
...	0·876	− 8·327	0·70	43.1487	10·1
...	+ 0·903	−37·065	−4	...	.
†	1·325	−35·018	−5	...	...
...	1·365	+46·592	−4	..	...
*	1·416	−57·901	1·05	43.1488	9·8
...	1·559	+56·912	−5	M	...
281					
S *	+ 1·735	−45·437	3·25	43.1489	7·4
...	1·747	+44·567	0·90	42.1403	10·1
*	2·093	+10·811	1·10	42.1404	9·6
...	2·359	+35·073	−1	..	...
...	2·719	+17·391	−5	M m	...
...	+ 3·111	+45·286	0·80	42.1405	10·2
...	3·620	+10·565	−5	M m	...
...	4·226	−10·543	0·70	43.1491	10·4
...	4·253	−47·709	−1	43.1492	10·4
...	4·572	+25·292	0·80	42.1406	10·2
291					
...	+ 5·594	− 3·241	−3	...	...
...	6·819	+38·633	−2	...	...
...	6·997	−28·205	−5	...	...
...	7·329	−30·524	0·90	43.1493	9·8
...	7·572	+42·623	−5	m	
...	+ 7·688	+ 6·617	−2	...	...
†	7·745	+ 9·855	−5	m	...
*	7·756	−52·293	1·10	43.1494	9·8
...	7·882	+39·131	−2	...	...
S *	8·139	+ 2·612	1·35	42.1408	9·1
301					
...	+ 8·258	+36·115	0·85	42.1407	10·2
...	8·392	+41·998	−2	...	...
*	8·407	− 1·871	1·10	42.1410	9·8
...	8·493	−14·835	−5	...	...
...	8·596	+47·697	0·75	42.1409	10·2
*	+ 8·598	−56·126	1·20	43.1495	9·4
...	9·387	+15·140	−3	...	...
†	9·749	+40·617	−3	...	...
...	9·898	+33·438	−4	m	..
...	10·295	−14·942	−4	...	...
311					
*	+10·710	− 7·817	1·00	43.1496	9·8
...	10·820	+21·665	−2	...	...
...	10·898	− 9·473	−3	43.1497	10·4
...	11·172	+35·362	−5	m	...
...	11·308	− 9·251	−2	43.1498	10·4
*	+11·405	+44·992	1·20	42.1411	9·5
...	11·546	+ 4·441	−5	m	...
n *	11·579	− 5·931	5·50	43.1499	6·5
*	11·606	−49·754	1·25	43.1501	9·4
...	11·775	−11·649	−5	...	...
321					
...	+11·901	−51·800	−3	...	...
n *	11·949	− 5·850	2·00	43.1499	6·5
...	11·995	+31·775	−4	...	...
...	12·276	+43·763	0·85	42.1412	10·2
...	12·395	+48·391	0·70	42.1413	10·2
...	+12·760	+45·023	−4	...	...
...	12·818	+56·429	−5	...	...
*	13·118	+13·984	1·20	42.1414	9·5
...	13·147	+ 3·037	−5	m	...
*	13·394	+27·989	1·00	42.1415	9·8

331–390

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
331					
...	+13·123	+25·369	−5		
...	13·994	[illegible]	0·65	42.1416	10·1
	[illegible]	[illegible]	−3	...	...
	14·571	+40·648	0·80	42.1417	10·1
	14·624	−50·917	1·70	43.1503	8·9
...	+14·661	+54·002	−2	42.1417	10·1
†	14·787	− 9·223	−1	43.1502	10·0
†	14·917	−42·845	1·25	43.1504	9·6
...	14·935	+39·162	−5	..	..
*	14·985	+38·461	1·00	42.1419	9·8
341					
...	+15·857	+58·886	0·95	41.1455	10·0
...	15·940	−50·992	−4	.	.
...	16·215	−36·079	−1	43.1505	10·1
..	16·358	+38·351	−5	.	...
...	16·616	−54·621	−3	43.1506	10·4
...	+16·805	+12·702	−3	...	...
n	17·009	+22·046	−1	42.1420	10·2
...	17·286	−19·816	0·70	43.1507	10·4
n	17·302	+22·187	−2	42.1420	10·2
*	17·357	−29·838	1·15	43.1508	9·8
351					
...	+17·358	−18·620	−5	.	...
...	17·701	−23·032	−5	...	.
...	17·870	−48·575	0·70	43.1510	10·1
...	17·987	−43·117	0·95	43.1511	10·0
...	18·475	+22·345	−3	a	...
*	+18·827	−17·799	1·15	43.1512	9·8
...	18·924	−59·506	−5	..	..
...	19·068	+47·954	−3	...	...
...	19·306	+10·053	−5	m	...
†	19·772	+24·309	−5	...	..
361					
...	+20·325	+22·567	−4	m	...
...	20·332	−12·030	−5	...	
...	20·436	+ 8·855	−3	a	.
...	20·539	−17·486	−5	...	..
...	20·732	+18·022	−4	m	...
...	+20·786	− 6·382	−3	43.1513	10·4
...	21·439	+48·663	−3	..	
...	21·856	+37·504	−2	...	...
...	22·212	+ 5·205	0·75	42.1421	10·2
...	22·515	+37·743	0·85	42.1422	10·2
371					
...	+22·586	−56·968	−2	43.1514	10·4
...	22·831	+ 2·400	0·80	42.1424	10·2
S *	22·861	+52·487	2·40	42.1423	8·2
*	23·595	−17·655	1·90	43.1515	8·8
...	23·686	+10·926	0·90	42.1425	10·0
...	+23·763	− 7·837	−5	...	...
	23·814	−28·636	−3	43.1516	10·4
*	23·907	− 5·345	1·20	42.1426	9·6
...	24·014	−29·475	−5	..	...
...	24·166	−45·449	−2	...	...
381					
...	+24·210	+35·897	−1	..	..
*	24·306	− 1·005	1·60	42.1427	9·2
...	24·525	−30·428	−2	43.1517	10·4
*	25·622	+29·200	1·15	42.1428	10·0
...	25·905	−58·832	−5	...	...
...	+26·122	−43·021	−5	...	...
...	26·459	−57·467	−4	43.1518	10·4
...	26·506	+14·740	−3	...	...
...	26·735	+57·545	−5	...	...
...	26·988	−45·105	−5	...	...

391–450

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
391					
...	+27·047	[illegible]	0·85	42.1429	10·0
...	27·390	− 6·146	−2	...	...
	[illegible]	[illegible]	−5		...
...	[illegible]	+ 3·369	−5		.
*	27·989	[illegible]	1·15	43.1520	9·8
	+27·995	[illegible]	−3		
*	28·006	[illegible]	[illegible]	43.1519	9·8
	28·169	+ 0·698	−1		...
	28·294	−26·825	−4	...	.
...	28·299	−28·451	−5	...	...
401					
	+28·529	[illegible]	0·85	[illegible]	[illegible]
..	28·713	−32·504	−1		...
	28·727	[illegible]	−5		...
...	29·169	[illegible]	[illegible]	42.1430	10·2
...	29·410	[illegible]	−5		
...	+29·587	[illegible]	−2	[illegible]	[illegible]
...	29·972	−20·755	−5	...	.
	30·260	+10·195	−2		
...	30·689	[illegible]	−4		
...	30·779	−20·189	−3	[illegible]	[illegible]
411					
..	+3[illegible]	[illegible]	−5	[illegible]	[illegible]
..	30·906	−25·[illegible]	−2	43.1524	10·4
...	31·[illegible]	[illegible]	0·80	42.1432	10·2
...	31·167	+20·931	−2	42.1431	10·2
...	31·30[illegible]	+ 4·067	−5	m	...
...	+31·468	−37·137	0·70	43.1526	10·1
*	31·656	− 2·839	1·05	42.1433	9·8
..	31·85[illegible]	−21·605	−5		...
*	32·118	−2[illegible]	1·10	[illegible]	[illegible]
...	32·819	+ 2·653	−4	...	..
421					
...	+32·821	−5[illegible]	−3	[illegible]	10·4
*	33·057	−32·[illegible]	1·15	43.1528	9·8
*	33·141	[illegible]	1·15	42.1435	9·8
...	33·250	−38·285	−2		.
‡	33·254	−19·939	1·10	[illegible]	9·6
...	33·289	−30·716	−4		...
*	33·5[illegible]	+45·476	1·1[illegible]	42.1434	9·8
..	33·[illegible]	−58·000	−2	[illegible]	10·4
...	34·228	[illegible]	0·90	[illegible]	[illegible]
..	34·[illegible]	−24·589	0·70	[illegible]	10·4
431					
...	+34·487	+20·291	−2	[illegible]	10·2
.	35·140	+25·871	−4	..	
*	35·[illegible]	+11·322	[illegible]	42.1439	8·7
..	35·573	+43·441	[illegible]	42.1438	10·2
..	35·[illegible]	[illegible]	[illegible]	...	.
†	+36·104	[illegible]	−5		
*	36·149	[illegible]	1·25	42.1440	[illegible]
...	36·375	− 9·023	−2		...
...	36·603	− 8·692	0·80	[illegible]	10·0
...	36·624	−36·015	−5	...	
441					
...	+36·6[illegible]	−36·559	0·85	43.1535	10·2
...	36·851	−28·522	0·80	43.1534	10·1
...	36·969	+23·470	0·90	42.1441	10·0
S *	36·984	−52·496	1·70	43.1536	9·0
...	37·601	−39·080	−4	...	...
...	+37·761	−44·178	0·80	43.1538	10·0
...	37·992	−48·494	−5	...	...
†	38·095	−19·958	0·80	43.1537	10·0
...	38·476	+ 5·320	−5	m	...
...	38·519	+ 9·19[illegible]	−5	m	..

318, 322. C.P.D., mass.

347, 349. C.P.D., probably mass.

451-480

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
451					
...	−38·595	+57·242	0·90	41.1482	10·2
†	38·726	− 5·070	0·85	43.1539	8·1
S *	38·860	− 1·831	2·05		
...	39·065	+ 4·338	− 5	*m*	...
.	39·334	−43·773	− 4	43.1540	10·4
..	+40·048	+ 0·376	− 4	*m*	...
.	40·227	−30·213	− 2	..	...
.	40·408	+16·102	− 2	42.1442	10·2
..	40·574	+59·268	0·65	41.1485	10·0
*	40·652	−16·681	1·10	43.1541	9·8
461					
*	+40·731	−48·864	1·25	43.1542	9·5
..	40·796	−37·233	− 5	..	...
...	41·175	−42·901	− 5	...	...
...	41·245	+46·236	− 5	..	...
...	41·307	−49·079	− 2	43.1544	10·2
...	+41·435	+23·461	− 5	...	...
...	41·438	− 6·448	− 4	...	...
†	41·527	+30·768	− 4	...	...
	41·565	−12·695	− 2	43.1543	10·4
...	41·587	−15·357	0·65	43.1545	10·2
471					
	+42·251	− 4·575	− 2	43.1546	10·4
...	42·593	− 4·011	− 5	..	...
	42·618	−16·694	− 2	43.1547	10·4
...	43·305	−21·481	0·70	43.1548	10·2
*	43·880	− 5·274	1·25	43.1549	9·5
.	+44·337	−55·621	− 5	...	...
...	44·358	−54·370	− 5	...	...
..	44·472	−44·173	− 5	...	...
...	44·473	− 1·854	0·90	42.1443	10·2
†	44·527	+12·137	0·65	42.1444	10·2

481-510

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
481					
...	+44·842	+ 6·845	− 4	*m*	...
*	45·811	+29·216	1·10	42.1446	9·8
...	45·836	−19·277	− 5	...	...
...	45·845	+46·524	− 3	42.1445	10·2
†	45·849	−25·009	1·25	43.1550	9·4
S *	+46·203	+37·009	1·30	42.1447	9·3
...	46·360	+36·261	− 5	*m*	...
...	46·717	−56·250	− 3	43.1551	10·1
...	46·724	−13·151	− 1	..	...
...	47·384	−32·549	0·75	43.1552	10·0
491					
...	+47·450	−43·028	0·90	43.1553	10·0
...	47·709	+50·118	− 4	...	...
...	47·711	+53·317	− 5	...	...
..	47·733	+13·145	− 4	...	...
...	48·299	+15·005	− 5	*m*	...
...	+48·881	+ 5·598	− 3	...	...
†	48·949	+49·923	− 4	..	...
...	49·108	− 9·184	− 5	...	...
*	49·161	−38·481	1·30	43.1556	9·2
...	49·278	−24·791	0·80	43.1555	10·2
501					
‡	+49·605	+34·140	1·00	42.1448	9·8
*	50·203	+54·637	1·40	42.1449	9·3
...	50·560	−41·974	− 4	43.1557	10·4
...	50·966	− 0·632	− 1	42.1450	10·2
†	52·011	+ 4·938	− 5	*e*	..
...	+52·498	+27·170	− 5	...	...
*	52·575	−26·181	1·80	43.1559	8·9
...	52·618	− 8·961	− 2	43.1558	10·4
...	52·729	+ 5·772	− 2	...	...
...	52·826	+25·971	− 5	...	...

511-532

Notes.	Co-ordinates. x.	y.	Diam. −3	C.P.D. No.	Mag.
511					
...	+53·000	−34·800	− 5	...	...
...	53·004	+ 7·158	− 5	...	...
...	53·097	−41·048	− 5	43.1560	10·4
...	53·810	−24·54	− 2	43.1561	10·4
...	53·997	+ 7·332	− 5	...	...
...	+54·065	+ 1·275	− 5	*e*	...
†	54·582	−14·984	− 2	43.1562	10·4
†	54·736	+51·245	− 4	42.1451	10·2
S *	55·073	+ 7·462	3·28	42.1452	7·8
...	55·124	−13·879	− 5	...	...
521					
...	+55·213	−10·235	− 5	...	...
S *	55·837	−33·828	1·40	43.1565	9·2
...	55·963	− 6·877	− 1	43.1563	10·4
...	56·148	+22·335	− 2	...	...
...	56·332	+34·709	0·95	42.1453	9·8
..	+56·411	−57·844	− 5	...	...
...	56·518	−50·094	− 5	...	...
...	56·541	+16·860	− 2	42.1454	10·2
...	57·192	−21·819	− 5	...	...
*	57·496	−33·214	1·20	43.1567	9·8
531					
...	+58·332	−36·743	− 1	43.1568	10·0
...	58·883	−24·546	− 5	...	...

1-20

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
1					
...	−59·717	−24·950	0·70	43.1555	10·2
*	59·422	−38·648	1·40	43.1556	9·2
...	58·735	− 0·748	0·65	42.1450	10·2
...	58·039	+27·076	− 4	...	...
.	57·919	−42·097	− 3	43.1557	10·4
†	−57·846	+ 4·859	− 5	E	
	57·668	+25·901	− 4		..
.	57·171	+ 5·702	0·65	...	...
.	56·939	+ 7·295	− 4	..	...
	56·855	− 9·028	− 1	43.1558	10·4
11					
	−56·515	+51·205	0·65	42.1451	10·2
*	56·370	−26·246	1·50	43.1559	8·9
	56·351	+ 7·297	− 4	...	
	55·702	+ 1·203	− 5	E	
...	55·696	−34·840	− 5	...	
	−55·[illegible]	−41·100	− 4	43.1560	10·4
.	55·198	−24·561	− 2	43.1561	10·4
	55·[illegible]	+57·930	− 5	.	.
S ‡	54·[illegible]	+ 7·462	3·00	42.1452	7·8
..	54·706	−14·981	− 1	43.1562	10·4

21 40

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
21					
...	−54·427	+34·739	0·90	42.1453	9·8
..	54·240	+22·368	0·65	...	...
...	54·216	−10·222	− 5	...	...
...	54·187	−13·864	− 3	..	..
...	53·677	+36·945	− 5	...	...
...	−53·[illegible]	+16·9[illegible]	− 2	42.1454	10·2
...	53·568	− 6·841	− 1	43.1563	10·4
...	53·038	+ 4·308	− 5	M	...
S *	52·874	−33·795	1·60	43.1565	9·2
...	52·346	+49·697	− 5	...	..
31					
...	−52·101	+ 3·257	− 4	B	.
...	51·881	−21·739	− 5	...	...
.	51·[illegible]	−5·[illegible]	− 4	...	...
.	51·584	−5·[illegible]	− 5		...
*	51·239	−33·[illegible]	1·[illegible]	43.1567	9·8
*	−50·[illegible]	+33·[illegible]	1·25	42.1456	9·6
...	50·[illegible]	+24·[illegible]	0·75	42.1455	10·2
	50·[illegible]	−37·[illegible]	0·70	43.1568	10·0
..	50·[illegible]	−24·[illegible]	− 4	.	..
S *	49·605	+23·230	1·35	42.1457	9·0

41-60

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
41					
...	−49·534	+ 8·618	0·65	...	...
...	49·265	− 5·953	− 4	..	...
...	48·922	+37·550	− 5	...	...
...	48·839	−16·971	− 5	...	...
...	48·580	+21·882	0·80	42.1458	10·2
...	−48·459	+58·138	− 5	...	..
...	48·400	+52·587	− 4	...	...
*	48·060	+ 5·943	2·50	42.1459	7·9
..	47·975	−12·200	0·65	43.1569	10·2
...	47·595	−46·398	− 3	...	...
51					
...	−47·564	−35·512	− 3	43.1570	10·4
...	47·530	−20·251	0·80	43.1571	10·0
.	47·316	−10·029	− 5	..	...
...	47·187	−54·631	0·85	43.1572	10·0
*	47·[illegible]	+27·090	1·10	42.1460	9·6
..	−46·981	−[illegible]·396	− 2	43.1573	10·4
..	46·922	−38·188	− 5	...	...
..	46·902	+ 8·346	− 5	M	...
...	46·887	− 5·89[illegible]	− 3	...	...
*	46·143	−27·470	1·50	43.1574	9·2

ES measured from 1, 134, 268, 405.
M[illegible] .. .. 94. 191, 340. 517.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
61–120					
61					
...	−45·981	+53·789	− 5	...	...
...	45·739	+14·739	0·80	42.1461	10·1
...	45·520	− 4·841	− 3	...	...
...	44·423	−17·496	0·75	43.1577	10·1
..	44·407	−46·234	− 1	43.1576	10·1
...	−44·109	−24·566	− 4	...	...
...	44·016	+ 9·780	− 4	...	...
...	43·982	−55·661	− 3	43.1578	10·4
...	43·976	+48·088	− 2	42.1462	10·2
*	43·781	−51·084	1·30	43.1579	9·6
71					
...	−43·330	−54·300	− 3	43.1580	10·4
...	43·311	+51·185	− 4	...	...
...	42·840	−41·092	0·70	43.1581	10·2
S *	42·325	+48·959	3·00	42.1463	7·6
...	42·060	+ 1·696	− 2	...	...
...	−41·711	−52·799	− 4	...	...
...	41·687	+53·458	− 5	...	...
†	41·181	−34·970	− 1	43.1582	10·0
...	41·043	−34·885	− 3		
...	40·503	−29·104	0·80	43.1583	10·0
81					
*	−40·448	+22·300	1·80	42.1464	8·8
...	40·355	−56·576	0·95	43.1584	9·8
...	40·228	+41·778	− 4	...	...
...	39·887	+46·398	− 4	...	...
...	39·780	+48·525	− 5	...	...
...	−39·748	−34·668	− 5	...	...
...	39·532	−33·024	− 4	...	...
...	39·256	−33·123	− 5	...	...
‡	38·926	+39·710	1·40	42.1465	9·3
...	38·815	−40·275	− 1	43.1585	10·1
91					
...	−38·744	−28·368	− 5	...	...
...	38·562	+ 7·226	− 4	...	...
...	38·555	−56·226	− 5	...	...
...	38·519	−38·466	− 4	...	...
...	38·375	−41·512	− 4	...	...
S *	−38·205	−54·743	0·95	43.1587	9·8
...	38·139	−34·006	0·80	43.1588	10·0
...	38·120	+50·847	− 2	42.1467	10·2
...	38·011	+35·848	− 1	42.1466	10·2
...	37·970	− 8·662	− 5	...	...
101					
...	−37·658	−17·938	− 2	43.1589	10·4
...	37·246	−20·405	− 3	...	...
...	36·853	−51·054	− 4	...	...
...	36·762	− 8·042	− 4	...	...
...	36·544	−55·235	− 5	...	...
...	−36·517	−49·195	− 4	...	...
*	36·348	−34·306	0·90	43.1590	9·8
...	35·863	+56·734	− 5	M	...
...	35·308	−50·754	− 4	...	...
...	35·073	+38·530	− 5	...	...
111					
...	−35·066	−49·045	− 3	43.1591	10·4
*	34·635	+23·918	0·90	42.1468	9·8
...	34·613	+12·656	− 4	A	...
...	34·118	−39·525	− 1	43.1592	10·1
...	33·862	−44·474	− 2	43.1594	10·4
...	−33·330	−44·738	− 3	43.1595	10·4
...	33·142	−47·956	0·75	43.1596	10·4
...	32·781	+48·984	0·90	42.1469	9·8
*	32·475	+21·715	1·00	42.1470	9·6
...	32·221	−33·926	− 4	43.1597	10·4
121–180					
121					
†	−32·219	+19·812	− 4	...	...
...	32·168	−13·293	− 4	...	...
..	31·618	+34·393	− 2	...	...
...	31·559	−51·869	− 4	...	...
*	31·550	−36·101	1·10	43.1598	9·8
...	−31·305	− 8·596	− 3	43.1599	10·4
...	30·966	−40·827	− 2	43.1600	10·4
...	30·557	+49·444	0·90	42.1471	9·8
...	30·541	+47·411	− 4	...	...
...	30·530	−18·346	0·65	43.1602	10·0
131					
...	−30·505	−58·039	− 1	43.1601	10·1
...	30·263	+48·813	− 3	...	...
†	29·999	−57·602	− 4	43.1603	10·4
...	29·611	−48·462	0·75	43.1604	10·1
...	29·454	−28·835	− 2	...	...
...	−28·943	+59·489	− 5	...	...
...	28·530	+50·539	− 5	...	...
...	28·104	−49·245	− 5	...	...
...	27·367	− 9·300	− 3	43.1606	10·4
...	27·322	−32·993	− 2	..	...
141					
...	−27·286	−34·853	− 1	43.1607	10·4
...	27·129	+47·001	− 5	...	...
...	27·078	+56·569	− 1	...	...
*	27·065	−47·161	1·80	43.1608	9·1
...	26·989	+ 0·579	− 4	A	...
...	−26·920	+38·958	− 2	...	...
...	26·806	+40·512	− 5	M	...
...	26·564	−56·945	− 3	43.1609	10·4
...	26·551	−45·524	− 5	...	...
...	26·127	−36·927	− 3	43.1610	10·4
151					
*	−25·633	−57·105	1·10	43.1611	9·8
...	25·497	−33·659	0·65	43.1612	10·1
...	25·379	+ 2·910	− 5	M	...
...	25·373	−38·812	− 5	...	...
*	25·225	+30·695	0·90	42.1472	9·8
...	−25·150	−36·397	− 1	43.1613	10·4
...	24·841	−53·459	− 5	..	...
*	24·798	+ 7·243	1·25	42.1473	9·4
*	24·774	+55·117	0·90	42.1474	9·8
...	24·571	−40·483	0·70	43.1614	10·2
161					
..	−24·556	−25·880	− 4	..	...
...	24·143	− 9·305	0·85	43.1615	9·8
...	23·987	−13·250	0·85	43.1616	10·0
...	23·933	+51·203	− 4	..	...
...	23·700	−49·536	0·75	43.1617	10·2
...	−23·363	−11·806	− 4	.	..
...	23·358	+57·481	− 4	..	..
...	23·071	+27·600	− 5	M	...
...	22·807	+ 1·185	− 5	M	..
...	21·125	−32·224	− 4	...	...
171					
...	−20·748	−17·118	− 2	43.1618	10·4
...	20·547	+ 4·303	− 5	M	..
...	20·219	+56·452	− 5	...	...
...	20·102	−39·278	− 5	..	...
‡	19·975	+16·009	1·70	42.1475	9·0
...	−19·770	− 9·637	− 4	43.1619	10·4
...	19·408	+ 2·408	− 4	B	..
...	19·321	− 2·940	− 1	42.1476	10·2
...	19·265	+56·138	− 4	...	...
...	18·461	+56·056	− 5	...	..
181–240					
181					
...	−18·191	−30·105	− 4	...	...
...	18·137	+57·024	− 3	...	...
...	17·706	+ 4·694	− 4	...	...
...	17·381	−37·298	− 3	43.1620	10·4
...	17·202	+51·187	− 5	...	...
...	−17·114	−12·231	− 2	43.1621	10·1
...	16·551	−34·113	− 1	43.1622	10·2
...	16·202	+18·151	− 5	.	..
...	15·934	+41·661	− 5	M	...
*	15·924	−59·366	1·05	43.1623	9·8
191					
...	−14·954	−14·840	− 5	...	...
...	14·928	−35·171	− 3	43.1624	10·4
...	14·553	−30·533	− 3	..	...
...	14·229	−33·763	− 4	..	...
...	14·200	+ 3·444	− 5	M	...
...	−14·036	+54·607	− 5	...	
...	13·772	−27·481	− 5	...	...
...	13·698	−35·606	− 5	...	.
*	13·571	−33·206	1·30	43.1626	9·4
...	12·931	+47·355	− 4	...	...
201					
...	−12·699	+43·997	− 5	..	...
...	12·568	−25·199	− 5	..	...
...	11·684	−44·715	− 4	...	...
...	11·591	+51·244	− 4	...	...
...	11·584	−52·459	− 3	43.1627	10·2
*	−11·357	+48·640	1·00	42.1477	9·8
...	10·793	+42·576	− 2	...	...
...	10·682	−19·661	− 3	43.1628	10·4
...	10·426	−57·456	− 4	...	...
...	10·330	−51·052	− 2	43.1631	10·4
211					
...	−10·312	−52·176	− 3	43.1630	10·4
...	10·302	− 4·942	− 5	...	...
...	10·299	−35·444	0·80	43.1629	10·0
...	10·093	−58·280	− 5	...	...
...	9·912	+ 4·110	− 4	A	...
...	− 9·906	−55·690	− 5	...	.
...	9·237	+34·317	− 2	42.1478	10·2
...	8·356	+46·464	− 4	...	...
...	8·344	+22·459	− 4	...	.
...	8·309	+49·456	0·90	42.1479	9·8
221					
..	− 8·282	−35·961	− 4	..	
...	8·161	+ 3·4	− 5	M	..
..	8·095	+50·353	− 3		...
...	7·553	−41·244	− 5	...	...
*	7·488	−44·787	0·90	43.1632	9·8
S *	− 7·476	+20·288	1·80	42.1480	9·0
...	7·294	−37·833	− 4	...	...
...	7·263	−40·841	− 3	43.1633	10·4
...	7·221	3·2	0·85	43.1637	10·0
...	7·211	−51·742	− 5	..	.
231					
...	− 7·191	−47·478	− 3	43.1634	10·4
...	6·909	−51·096	− 5	.	
*	6·316	−50·226	1·40	43.1636	9·3
...	5·869	+47·567	− 5	M	
...	5·691	+40·269	− 4	...	.
...	− 5·3[illegible]	−49·2[illegible]	− 5	...	
...	5·228	+57·653	− 3	...	..
‡	5·173	+49·831	0·90	42.1481	9·8
...	4·986	−15·320	− 4	43.1638	10·4
...	4·813	−49·265	0·75	43.1639	10·0

241–300

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
241					
...	− 4·742	+15·[illegible]	− 5	°M	...
...	4·461	+40·420	0·80	42.1482	10·0
...	4·[illegible]	−28·078	1·00	43.1640	9·8
...	3·841	− 2·095	0·90	42.1484	10·0
...	3·833	+20·139	− 4	42.1483	10·2
...	− 3·[illegible]	+48·490	− 3	...	...
*	3·772	−46·782	1·60	43.1641	8·8
...	3·[illegible]	−45·[illegible]	− 5	...	...
...	3·[illegible]	−57·263	0·85	43.1642	10·0
n *	3·332	−54·[illegible]	1·00	43.1643	9·5
251					
...	− 3·[illegible]	−40·098	0·80	43.1644	10·0
n	3·168	−54·[illegible]	− 3	43.1645	9·5
...	3·[illegible]	−45·299	− 5	...	...
...	2·[illegible]	−20·458	− 1	43.1645	10·1
...	2·764	−26·067	1·00	43.1646	9·8
...	− 2·584	−20·330	− 4	43.1647	10·4
*	2·[illegible]	−47·[illegible]	1·30	43.1649	9·2
S *	1·830	−24·862	2·00	43.1648	8·4
n n	1·736	+[illegible]	− 1	42.1486	10·1
...	1·733	+32·[illegible]	− 2	42.1485	10·2
261					
...	− 1·[illegible]	−25·953	− 4	...	...
...	1·[illegible]	+42·[illegible]	− 5	...	...
...	1·[illegible]	−36·278	− 2	43.1651	10·4
...	0·968	−19·287	− 5	43.1650	10·4
...	0·733	− 3·[illegible]	− [illegible]	...	...
...	− 0·[illegible]	+52·655	− [illegible]	...	...
...	− 0·[illegible]	−53·027	− 4	...	...
...	+ 0·[illegible]	+51·[illegible]	− 5	M m	...
...	0·263	+40·[illegible]	− 5	M m	...
...	0·264	+49·958	− 4	M	...
271					
...	+ 0·305	+45·[illegible]	− [illegible]	...	...
...	0·346	+59·[illegible]	− 1	...	...
...	0·493	−40·[illegible]	− [illegible]	43.1652	10·4
...	0·595	+32·826	0·80	42.1487	10·2
...	[illegible]	−43·[illegible]	[illegible]	43.1653	10·2
...	[illegible]	−39·817	− 2	43.1654	10·4
...	0·808	−41·950	0·80	43.1655	10·0
...	0·870	+44·[illegible]	− 5	M m	...
*	0·980	− 9·943	1·30	43.1656	9·2
*	1·003	+47·776	1·00	42.1488	9·8
281					
...	+ 1·[illegible]	−42·362	0·80	43.1657	10·0
...	1·[illegible]	+28·851	0·70	42.1489	10·2
...	1·288	+ 4·026	− 5	M m	...
*	1·434	+ 2·819	1·[illegible]	42.1490	9·6
...	1·[illegible]	−12·[illegible]	− 4	43.1658	10·4
...	+ 1·[illegible]	+52·500	− 5	M m	...
...	1·[illegible]	−21·849	− 1	43.1659	10·1
*	2·112	+24·954	1·[illegible]	42.1491	9·6
...	2·361	−[illegible]	1	43.1660	10·4
S *	2·[illegible]	+41·[illegible]	1·[illegible]	42.1492	9·4
291					
...	+ 1·[illegible]	+ 4·282	− 5	M m	...
...	3·[illegible]	+28·116	− 5	M m	...
...	1·[illegible]	+27·882	0·80	42.1493	10·0
...	[illegible]	[illegible]	− 5	M m	...
...	[illegible]	[illegible]	− 5	M m	...
...	+ [illegible]	[illegible]	[illegible]	[illegible]	...
...	[illegible]	[illegible]	0·70	42.1494	10·1
*	[illegible]	[illegible]	2·00	43.1661	8·0
‡	[illegible]	[illegible]	1·30	42.1496	9·3
...	[illegible]	[illegible]	0·80	42.1495	9·8

301–360

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
301					
...	+ 5·[illegible]	− [illegible]	− 3	...	...
*	5·762	−21·953	2·3[illegible]	43.1662	8·1
...	6·212	+ 7·773	− 5	m	...
...	7·707	+32·389	− 4	...	...
...	7·760	+27·040	− 5	...	...
...	+ 7·[illegible]	− 6·145	− [illegible]	43.1664	10·2
...	8·555	−51·[illegible]	− 4	...	...
...	8·[illegible]	+46·060	0·85	42.1497	10·0
...	8·955	−41·964	− 3	43.1665	10·4
...	9·013	−36·198	0·85	43.1666	10·0
311					
*	+ 9·029	+54·032	1·30	42.1498	9·3
..	9·255	−48·914	− 1	43.1667	10·4
...	9·718	+18·867	0·65	42.1499	10·2
..	9·807	−43·[illegible]	− 4	...	..
†	9·865	+34·606	0·80	42.1500	10·2
.	+10·[illegible]	−19·[illegible]	− 3	43.1668	10·4
...	10·731	+26·504	0·80	42.1501	10·2
...	10·820	−40·534	0·75	43.1669	10·[illegible]
...	11·134	−54·395	− 3	..	...
...	11·276	+[illegible]	− 4	a	...
321					
...	+11·607	−50·423	− 3	...	...
...	11·743	−59·521	0·85	43.1670	10·0
...	12·006	−36·[illegible]	− 5	.	...
..	12·100	+44·[illegible]	0·65	42.1502	10·2
...	12·197	−18·[illegible]	− 3	43.1672	10·2
..	+12·335	− 8·824	− 2	43.1671	10·2
...	12·603	+30·295	− 5	m	...
*	12·800	+20·583	1·35	42.1503	9·5
.	12·888	−14·794	1·80	43.1673	8·8
*	13·055	−31·974	1·15	43.1675	9·4
331					
*	+13·119	−44·686	2·30	43.1676	8·1
*	13·344	−44·821	1·50		
...	13·436	+28·157	− 3	.	...
.	13·669	+[illegible]	− 5	.	...
..	13·[illegible]	−35·[illegible]	− 3	...	..
.	+13·909	−44·[illegible]	− 2	...	..
.	14·153	− 3·116	− 5	...	...
..	14·251	+ 4·69[illegible]	− 5	m	...
.	14·480	+ 1·576	− 3	..	...
...	14·966	+ 4·826	− 4	a	...
341					
..	+15·067	−25·796	− 2	43.1677	10·4
..	15·079	−38·982	− 4	...	...
*	15·172	−50·406	1·20	43.1678	9·6
...	15·439	−47·952	− 5	..	.
.	15·612	+37·[illegible]	1·00	42.1504	9·8
S *	+16·185	− 2·95[illegible]	3·90	42.1505	7·1
.	16·538	−22·963	− 4	...	.
...	16·550	−35·[illegible]	− 4	.	...
*	16·941	−10·708	1·10	43.1679	9·6
.	16·947	−19·[illegible]	− 4	...	...
351					
*	+17·579	−38·499	2·00	43.1680	8·6
*	17·620	+53·123	0·90	42.1506	9·8
.	17·[illegible]	+50·171	0·65	42.1507	10·1
...	18·123	+[illegible]	− 5	m	...
.	18·192	−[illegible]	0·70	43.1681	10·0
*	+18·[illegible]	+[illegible]	2·00	42.1508	8·5
.	18·[illegible]	−48·223	[illegible]	43.1682	10·2
...	18·[illegible]	+57·602	[illegible]	41.1559	9·8
...	18·[illegible]	−58·187	− 5	.	.
...	2·[illegible]	−15·469	0·90	43.1684	10·0

361–420

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
361					
...	+20·238	+37·091	− 4	° ..	...
...	20·248	− 55·462	− 4	.	...
...	20·5[illegible]	−16·639	− 4	..	...
...	20·726	+ 1·904	− 5	m	...
...	20·792	−47·723	− 2	43.1685	10·4
*	+20·850	+54·142	1·80	42.1509	8·[illegible]
*	21·0[illegible]	+26·562	1·00	42.1510	9·8
...	21·659	+55·583	0·65	42.1511	10·2
...	22·232	−45·468	− 2	43.1686	10·2
S *	22·[illegible]	+52·177	1·80	42.1512	8·6
371					
...	+22·93[illegible]	+38·629	0·[illegible]	42.1513	10·0
...	22·959	+ 5·478	− 4	...	...
...	23·056	−34·638	− 2	43.1687	10·2
S *	23·[illegible]	−55·686	1·30	43.1688	9·2
*	23·[illegible]	−32·147	1·20	43.1689	9·4
...	+23·[illegible]	+51·177	− 4	...	...
...	23·897	−53·563	0·65	43.1690	10·0
..	24·010	−27·000	− 2	...	...
...	24·119	+58·487	− 5	m	...
S *	24·206	+ 7·593	2·10	42.1515	8·6
381					
...	+24·360	+26·628	− 5	m	...
...	24·426	+39·510	− 3	42.1514	10·2
*	24·486	−22·445	0·95	43.1691	9·8
...	24·554	+51·983	− 4	...	...
.	24·932	+16·937	1·20	42.1516	9·6
...	+25·032	+40·550	− 4	...	...
*	25·559	−51·492	0·90	43.1692	10·0
..	25·903	− 1·699	− 5	...	...
...	26·037	+32·606	− 1	42.1517	10·2
...	26·422	+26·487	− 4	...	...
391					
...	+26·663	− 4·218	− 5	.	...
...	26·676	−32·[illegible]	− 1	43.1693	10·2
...	27·348	+11·546	0·70	42.1518	10·1
..	27·[illegible]	+21·311	0·90	42.1519	10·0
...	28·194	+14·452	− 2	...	...
.	+28·310	− 0·546	− 5	b	...
...	28·576	−57·281	− 1	43.1[illegible]	10·4
...	28·627	−37·[illegible]	− 4	...	...
*	28·679	−23·621	0·95	43.1694	9·8
...	28·906	+ 8·337	0·90		
401				42.1520	9·6
...	+28·922	+ 8·387	0·90		
...	28·937	−48·962	− 4	43.1697	10·4
...	29·[illegible]	−16·414	− 3	43.1696	10·4
†	29·826	−53·538	− 4	43.1699	10·4
S ‡	29·914	+ 2·844	3·60	42.1521	7·5
...	+30·030	+49·696	− 5	m	...
...	30·084	−25·651	− 5	43.1698	10·4
...	30·328	−14·815	− 2	43.1700	10·4
*	30·511	+23·406	1·10	42.1522	9·6
...	30·550	−11·972	− 5	...	...
411					
...	+ 3·574	−46·741	− 4	...	...
...	30·680	+20·626	0·70	42.1523	10·2
*	3·[illegible]	+18·666	2·00	42.1524	9·0
*	3·[illegible]	− 2·[illegible]	1·[illegible]	42.1525	9·6
...	30·894	−45·491	− 4	...	...
.	+ 3·[illegible]	−56·766	0·65	43.1702	10·4
...	30·953	+40·987	− 4	...	...
.	31·107	+57·523	− 5	m	...
...	31·[illegible]	+43·505	− 5	m	...
...	31·[illegible]	−20·491	− 5	...	.

250, 252. C.P.D., probably mass.

Notes.	Co-ordinates. x.	y.	Diam. −4.	C.P.D. No.	Mag.
421-480					
421					
...	+31·474	+36·378	− 3	...	...
*	31·770	21·122	1·15	43.1703	9·6
...	31·924	+18·588	0·70	42.1526	10·0
...	31·927	+ 4·776	− 4	...	..
...	31·937	+24·937	− 5	*m*	...
...	+32·199	+1·281	− 3	...	...
*	32·547	+26·247	2·40	42.1527	8·4
...	32·550	−58·837	0·70	43.1705	10·4
...	32·637	−55·912	− 5	...	...
...	32·767	+ 3·261	− 5	*m*	...
431					
...	+32·895	+30·989	− 1	42.1528	10·2
...	33·016	+26·659	− 5	*m*	...
...	33·041	+31·648	− 5	*m*	...
...	33·043	−25·776	0·70	43.1704	10·0
...	33·141	−51·743	− 4	...	...
*	+33·323	+35·8·6	1·00	42.1529	9·8
...	33·381	−52·095	− 5	...	...
...	33·461	+39·257	− 2	42.1530	10·2
*	33·748	−23·363	1·80	43.1706	8·9
...	33·768	+ 9·575	− 3	...	...
441					
...	+33·962	−55·214	− 3	...	...
...	34·061	+ 8·315	− 4	...	...
...	34·115	−24·321	− 5	...	...
...	34·210	−52·970	− 4	...	...
...	34·227	+28·902	− 5	...	...
...	+34·239	−35·629	− 4	43.1708	10·4
...	34·470	−38·495	− 3	...	...
...	34·599	−29·322	0·75	43.1710	10·2
*	34·677	− 7·408	1·15	43.1707	9·6
...	34·703	− 3·076	− 2	42.1532	10·2
451					
...	+34·748	+11·879	0·85	42.1531	9·8
‡	34·781	− 4·457	1·25	43.1709	9·8
*	35·093	−24·194	4·00	43.1711	7·2
...	35·125	−45·467	− 4	43.1712	10·0
*	35·181	−45·585	0·90		
*	+35·322	+14·339	1·05	42.1533	9·6
*	35·392	+ 2·716	1·00	42.1534	9·6
...	35·515	−14·054	− 4	...	...
...	35·669	+33·177	− 5	*m*	...
...	35·962	+26·671	− 4	...	...
461					
...	+36·019	+14·991	0·70	42.1535	10·2
...	36·113	−46·925	− 5	...	...
...	36·211	−28·463	− 1	...	...
...	36·457	+38·633	0·65	42.1536	10·2
...	36·624	+10·899	− 5	*m*	...
...	+36·629	−23·499	− 5	...	...
...	36·789	+59·429	0·65	41.1584	10·2
...	36·897	+40·562	− 3	..	...
*	37·033	−35·343	1·00	43.1713	9·9
...	37·192	+52·060	− 4	...	...
471					
...	+37·261	− 4·770	− 5	...	...
...	38·035	+39·401	− 3	...	...
...	38·072	+23·930	− 5	...	...
...	38·378	+26·482	0·70	42.1537	10·2
...	38·683	− 2·294	− 5	*a*	...
...	+38·698	+25·178	− 2	...	...
...	38·705	+26·059	0·70	42.1538	10·1
...	38·723	− 4·270	0·65	43.1714	10·4
...	39·005	−43·084	− 5	...	...
†	39·389	−34·931	0·70	43.1715	10·4
481-540					
481					
...	+39·712	−17·607	− 5	*a*	...
†	39·829	−28·280	− 1	...	...
..	40·179	−49·312	− 5	..	
...	40·342	+14·241	− 3	..	...
...	40·538	+28·598	− 5	*m*	...
...	+40·631	− 2·005	− 2	...	..
*	40·735	−11·056	1·15	43.1716	9·8
...	40·740	−54·177	0·65	..	..
*	40·889	+22·106	0·90	42.1539	10·0
...	40·913	−24·220	− 2	...	...
491					
...	+40·930	+41·759	− 2	...	...
...	40·954	+12·417	− 4	..	...
...	40·974	−52·359	− 5	...	
...	41·447	+16·440	− 2	...	...
...	41·459	−30·835	− 4	..	...
...	+41·589	−43·355	− 4	..	...
...	41·670	−22·405	0·75	...	...
...	41·695	+ 2·912	− 4	.	...
*	41·719	−25·657	1·00	43.1717	9·9
..	42·130	−35·506	− 4	...	...
501					
...	+42·159	+ 0·044	− 4	*a*	..
...	42·242	−41·243	0·80	43.1718	10·4
...	42·370	+11·765	0·85	42.1540	10·0
...	42·693	−15·932	− 5	...	...
†	43·073	+19·905	− 4	*a*	
*	+43·236	+18·519	1·60	42.1542	9·2
*	43·260	+42·095	0·95	42.1541	9·8
...	43·660	−57·337	− 4	...	...
...	43·666	+ 1·418	− 5	*m*	..
...	43·696	− 7·887	− 5	*b*	...
511					
...	+43·838	+30·392	− 4	...	...
...	43·908	−30·277	0·85	43.1720	10·4
...	44·179	+ 6·700	− 4	.	...
...	44·224	−52·508	− 4	...	...
*	44·321	+23·592	1·00	42.1543	9·8
*	+44·328	+58·219	1·40	41.1597	9·6
‡	44·860	− 8·898	1·10	43.1721	9·6
...	45·105	−39·474	− 5	..	...
...	45·195	−20·066	− 4	...	...
...	45·259	−13·299	− 4	...	...
521					
...	+45·376	−15·813	− 2	...	...
...	45·392	+23·945	0·85	42.1544	10·0
*	45·672	+36·155	2·40	42.1545	8·2
...	46·045	−43·614	− 5	...	...
...	46·280	+14·526	− 5	*m*	...
*	+46·480	−28·129	1·00	43.1722	10·0
...	46·514	−56·047	− 5	...	...
...	46·531	−38·447	− 5	..	..
...	46·697	+32·158	− 2	42.1546	10·2
...	46·710	+ 6·602	0·65	42.1547	10·2
531					
*	+47·101	+10·819	1·10	42.1548	9·8
...	47·217	−41·538	− 4	..	...
...	47·250	−31·723	− 4	...	...
*	47·414	−19·420	1·00	43.1723	10·0
...	47·599	−26·366	− 5	...	...
...	+47·641	+19·160	0·80	42.1549	10·1
...	47·655	+ 9·567	0·80	42.1550	10·0
...	47·720	−31·669	0·85	43.1724	10·2
...	47·736	−26·848	− 1	..	...
*	48·695	−53·377	1·30	43.1725	9·8
541 597					
541					
...	+48·730	− 3·575	− 4	..	...
S ‡	48·829	+39·878	3·30	42.1551	7·7
...	49·030	+ 8·103	0·90	42.1553	10·0
...	49·033	+21·455	− 2	..	...
*	49·052	+23·732	0·90	42.1552	10·1
..	+49·880	−18·713	− 4	..	...
...	49·948	−15·215	− 1	...	...
..	49·972	− 5·500	− 1	43.1726	10·4
..	50·026	+35·100	− 4	.	...
*	50·030	+28·495	2·40	42.1554	8·1
551					
...	+50·117	+37·243	− 4	...	...
	50·749	+32·810	− 4	...	...
...	50·752	−42·212	− 5	...	...
*	50·869	+14·248	1·10	42.1555	9·6
...	51·143	+ 6·133	− 4	...	...
...	+51·373	−45·064	− 3	..	...
.	51·424	−33·736	− 3	...	...
...	51·972	+18·520	− 4	...	...
...	52·059	−20·923	− 4	...	...
*	52·230	−33·079	1·00	43.1727	9·9
561					
...	+52·278	+21·227	0·90	42.1556	10·0
...	52·538	+28·248	− 5	*m*	...
S *	52·563	− 1·565	2·10	42.1557	8·5
...	52·614	−19·516	− 3	...	...
...	53·187	+15·394	0·90	42.1558	9·8
...	+53·292	+19·011	− 4	...	...
...	53·521	+37·726	− 5	*e*	...
...	53·595	−13·921	0·85	43.1728	10·2
...	53·627	− 3·273	− 5	*e*	...
...	53·632	+33·480	0·65	42.1559	10·1
571					
...	+53·891	+38·629	− 2	42.1560	10·2
.	53·936	−14·933	− 5	...	...
...	54·057	−15·079	− 3	...	...
...	54·166	−13·192	− 1	43.1729	10·4
..	54·402	+27·766	0·65	42.1561	10·2
S *	+54·546	−37·371	1·30	43.1730	9·4
...	54·724	−33·900	− 5	...	...
†	54·762	+26·168	− 1	42.1562	10·2
...	54·954	−22·358	− 4	...	...
...	55·356	+ 7·298	− 4	...	...
581					
...	+55·843	−38·458	1·00	43.1731	10·1
.	56·042	+31·335	− 5	..	...
...	56·922	− 3·426	− 4	...	...
..	56·983	+22·007	0·80	42.1564	10·1
*	57·032	+23·286	1·20	42.1565	9·4
*	+57·062	+32·320	1·20	42.1563	9·5
...	57·143	−19·771	− 4	...	...
*	57·434	−11·372	1·00	43.1732	10·1
..	57·463	−28·600	− 3	...	...
*	57·497	−17·482	1·00	43.1733	10·1
591					
*	+57·617	−28·181	0·95	43.1734	10·2
..	57·847	−24·413	− 4	...	...
...	58·269	+20·755	− 4	...	...
..	58·623	− 1·799	− 2	...	...
..	58·853	+43·743	− 3	..	...
...	+59·326	+59·121	− 1	41.1620	9·8
.	59·447	+10·828	− 4	...	...

Notes	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.

1–60

1					
...	−59·567	− 5·[illegible]	0·65	43.1726	10·4
*	59·426	−33·54[illegible]	1·90	43.1725	9·8
...	59·314	−15·34[illegible]	0·65	.	...
...	59·307	+41·083	− 5	...	...
*	59·234	+14·120	1·80	42.1555	9·6
..	−59·261	−18·859	− 5	.	..
...	58·746	+ 6·013	− 4	..	.
...	58·746	+[illegible]	− 5	M	..
..	58·295	+18·419	− 4	...	...
..	58·066	+21·[illegible]	0·80	42.1556	10·0
11					
...	−57·309	+37·672	− 5	E	..
...	57·299	−33·[illegible]	− 3	...	...
S *	57·115	− 1·[illegible]	2·50	42.1557	8·5
...	57·[illegible]	+33·422	− 1	42.1559	10·1
...	57·041	−20·996	− 3	..	...
...	−56·996	+18·966	− 4	..	...
*	56·981	+15·[illegible]	1·05	42.1558	9·8
...	56·976	+35·[illegible]	− 3	42.1560	10·2
...	56·[illegible]	−46·075	− 3	...	..
...	56·514	−19·572	− 3	...	..
21					
*	−56·495	−33·157	1·60	43.1727	9·9
...	56·143	+27·731	0·90	42.1561	10·2
...	55·986	− 3·315	− 5	E	...
...	55·715	+26·146	0·90	42.1562	10·2
...	55·695	−13·948	1·10	43.1728	10·2
...	−55·[illegible]	−14·050	− 5	...	...
†	55·224	−15·[illegible]	− 1	...	...
†	54·8[illegible]	− [illegible]·433	− 5	M	...
...	54·599	+31·[illegible]	− 4	...	...
...	54·577	+[illegible]	− 4	.	...
31					
..	−54·268	−43·195	− 1	43.1729	10·4
..	54·091	−22·355	− 4	..	..
S *	54·062	−37·374	2·00	43.1730	9·4
...	54·049	− 3·411	− 5	M	...
..	53·[illegible]	−33·[illegible]	− 4	...	..
..	−53·[illegible]	+26·730	− 5	M	...
...	53·794	−36·008	− 5	.	...
*	53·618	+32·362	1·[illegible]	42.1563	9·5
.	53·[illegible]	+22·055	0·80	42.1564	10·1
*	53·[illegible]	+28·[illegible]	1·90	42.1565	9·4
41					
...	−52·716	−38·416	1·15	43.1731	10·1
	52·691	[illegible]			
...	52·[illegible]	+43·832	− [illegible]		..
	52·[illegible]	+59·227	0·90	41.1620	9·8
.	52·057	+20·843	..	..	...
	−51·972	−[illegible]	− 3	...	..
*	[illegible]	−[illegible]	[illegible]	[illegible]	10·1
	51·691	−17·400	[illegible]	[illegible]	[illegible]
	51·655	+30·685	..	[illegible]	..
..	[illegible]	−50·148	− 5	M	...
51					
	−51·404	−28·517	− 3	[illegible]	..
*	51·281	−28·090	1·00	43.1734	[illegible]
...	51·[illegible]	−24·322	− 3	[illegible]	.
...	51·049	−[illegible]	− 2	[illegible]	[illegible]
...	50·[illegible]	+[illegible]	− 4	\	[illegible]
...	−5[illegible]	[illegible]	− 5	...	...
..	50·601	+10·962	− 3	.	..
...	50·[illegible]	+25·021	− 3	[illegible]	...
†	49·997	−[illegible]	− 2	42.1566	10·2
..	49·763	+ 1·687	− 3	\	..

61–120

61					
..	−49·658	+ 6·713	− 5	M	...
..	49·581	− 2·503	− 3	...	...
...	49·571	−32·271	− 5	...	...
...	49·528	− 2·244	− 5	...	...
...	49·410	+23·749	− 4	...	...
...	−49·401	+45·862	− 4	...	...
.	49·296	−24·917	− 5	...	...
...	49·155	+36·249	− 1	42.1567	10·2
...	49·097	+20·365	− 5	..	...
...	48·771	−32·456	− 3	...	...
71					
...	−48·722	+ 0·549	− 5	M	...
...	48·683	+52·266	− 5	...	...
...	48·640	+33·363	− 5	...	...
*	48·479	+ 1·353	1·35	42.1568	9·8
.	48·441	− 7·027	0·90	43.1735	10·4
...	48·311	+53·178	− 1	42.1569	10·2
...	48·162	−13·887	− 5	M	...
...	47·542	+26·781	− 5	M	...
...	47·509	−37·009	− 2	...	...
..	47·444	+21·317	− 5	M	...
81					
...	−47·159	+36·679	− 1	...	..
...	47·149	−43·339	− 1	43.1736	10·2
...	47·036	−57·949	− 5	...	..
*	47·000	+12·871	1·80	42.1570	9·6
*	46·933	− 4·153	1·00	43.1737	10·4
...	−46·738	− 7·716	− 4	...	...
...	46·654	+47·763	− 4	...	...
...	46·353	+48·420	− 1	42.1572	10·2
...	46·310	+38·022	− 5	...	...
*	46·285	+15·458	3·00	42.1571	8·5
91					
...	−46·113	− 5·988	− 5	...	...
...	46·039	+ 3·912	− 5	M	...
..	46·022	+30·688	− 5	M	...
.	46·004	−10·797	− 2	...	...
...	45·923	− 5·681	0·90	43.1738	10·4
*	−45·816	− 9·944	1·00	42.1573	10·1
..	45·58[illegible]	− 9·031	− 3	...	...
...	45·435	+13·262	− 2	42.1574	10·2
.	45·238	+26·237	0·95	42.1575	10·2
S *	45·209	−34·3[illegible]	2·40	43.1739	8·9
101					
†	−44·[illegible]	+30·024	− 4	...	...
...	44·848	+27·931	− 5	M	.
..	44·818	− 6·289	− 4	...	...
.	44·[illegible]	+ 9·670	− 2	...	
	44·526	−24·844	− 4	.	..
...	−44·279	[illegible]	− 5		...
*	44·216	[illegible]	2·00	42.1576	9·2
	44·000	+13·132	2·30	42.1577	9·0
...	43·[illegible]	+ 6·035	− 4	M	...
	43·[illegible]	+20·279	1·60	42.1578	9·8
111					
*	43·[illegible]	−44·661	1·40	43.1740	10·1
†	43·331	−49·863	− 4	.	
	43·[illegible]	[illegible]	− 2	42.1580	10·2
*	43·[illegible]	+ 0·213	1·30	42.1579	9·8
	43·468	+49·625	1·15	42.1581	9·8
.	−43·[illegible]	[illegible]	− 3	41.1636	10·2
..	42·864	−33·024	− 5	M	
S *	42·858	+48·389	2·00	42.1582	9·2
..	42·787	−12·121	− 4	...	...
..	42·752	+11·509	− 5	M	...

121–180

121					
...	−42·742	−48·103	− 4	...	...
*	42·515	− 1·022	1·20	42.1583	9·8
...	42·351	− 0·827	− 4	...	...
...	42·326	+39·369	− 5	M	...
...	42·321	−29·141	− 5	...	...
‡	−42·270	+19·960	2·30	42.1584	9·0
...	42·103	−16·937	− 4	...	...
...	42·093	+37·163	− 2	...	...
...	42·069	+21·493	− 4	...	...
...	41·949	+ 1·547	− 2	42.1586	10·2
131					
...	−41·902	−19·249	− 4	...	...
...	41·886	− 2·274	0·80	42.1585	10·2
...	41·881	−47·554	− 3	...	...
*	41·702	− 4·57[illegible]	1·15	43.1741	10·1
...	41·600	+46·819	− 4	...	...
*	−41·491	+47·464	1·05	42.1587	9·8
...	41·459	+41·180	− 1	42.1588	10·2
..	41·459	−19·051	− 3	...	...
...	41·289	+ 3·790	− 4	M	...
...	41·197	+33·005	− 3	...	...
141					
...	−41·120	+3[illegible]·323	− 2	42.1589	10·1
*	41·041	− 7·561	1·80	43.1742	9·8
...	40·935	+17·330	− 5	M	...
†	40·914	−25·054	0·80	43.1743	10·4
...	40·898	−37·214	− 4	...	...
...	−40·846	−13·579	− 5	...	...
...	40·602	−49·014	− 5	...	...
...	40·434	−49·656	− 1	43.1744	10·4
...	40·320	+ 0·794	− 4	M	...
...	40·316	−37·[illegible]	− 3	...	...
151					
...	−40·269	−31·722	− 5	...	...
...	40·236	−34·225	− 5	...	...
*	40·235	+30·695	1·90	42.1590	9·2
...	40·230	− 1·619	− 5	M	...
*	40·212	−23·238	1·70	43.1745	9·9
...	−39·397	−50·980	− 2	43.1746	10·4
..	39·240	−25·538	− 5	...	...
...	39·040	−12·721	− 3	...	...
...	38·960	+36·047	− 2	42.1591	10·2
...	38·890	+38·464	− 3	...	...
161					
...	−38·739	− 7·260	− 5	...	...
..	38·688	−42·185	− 1	43.1747	10·4
...	38·678	+44·886	− 3	...	...
*	38·491	−35·9[illegible]	2·00	43.1748	9·1
...	38·299	−31·785	− 2	...	...
...	−38·220	− 8·043	− 1	...	...
*	38·113	+24·236	1·30	42.1592	9·8
N	38·[illegible]	+29·090	1·25	42.1593	9·8
...	37·9[illegible]	−10·390	− 5	...	...
	37·811	−42·967	− 3	...	...
171					
...	−37·[illegible]	+26·833	− 5	M	.
...	37·681	−46·226	− 5	...	...
...	37·583	+22·405	− 1	42.1594	10·2
	37·389	−27·648	− 5	...	...
...	37·256	+ 0·961	1·[illegible]	42.1595	10·1
...	−37·[illegible]	+25·906	− 5	M	...
...	37·179	+43·860	− 5	...	...
...	37·162	−41·283	− 4	...	...
...	37·[illegible]	+37·424	− 5	M	...
...	36·981	+ 2·483	5	M	...

Image distributed: estimates of diameter unreliable.
I. [illegible] from 1, 58, 156, 236, 312, 398, 478, 563, 645, 728, 829, 916.
MC [illegible] 28, 101, 199, 285, 369, 434, 514, 606, 687, 782, 870, 953.

168. 42°·47, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
181–240					
181					
*	−36·878	+21·902	1·40	42.1596	9·6
*	36·823	+49·071	1·70	42.1597	9·8
...	36·741	−26·630	− 4	..	..
..	36·618	−20·963	0·65	...	...
...	36·463	−58·426	− 4	..	...
..	−36·442	+ 6·699	− 1	42.1598	10·2
...	36·326	+15·579	− 5	M	...
...	36·285	−42·772	− 5	..	...
...	36·230	+52·153	− 5	...	...
...	36·191	+ 6·588	− 5	M	...
191					
...	−36·168	+ 0·534	− 5	M	...
†	35·897	− 5·044	− 5	...	...
...	35·737	+55·552	− 5	M	...
...	35·685	+33·995	− 2	...	...
...	35·683	+26·868	− 3	42.1599	10·2
...	−35·637	+35·085	− 5	M	...
...	35·268	+22·450	− 3	...	...
...	35·220	+ 8·498	− 4	..	...
..	34·757	−47·407	− 5	...	...
...	34·628	−38·018	− 3	...	...
201					
†	−34·594	+19·900	− 3	...	...
...	34·312	−31·932	− 4	...	...
...	34·189	+59·158	− 4	..	...
...	34·119	−32·228	− 3	...	...
*	33·745	+39·041	1·00	42.1600	10·0
...	−33·694	−16·989	− 4	...	...
†	33·522	+ 4·876	− 3	...	...
...	33·351	+58·739	− 3	...	...
*	33·006	+38·349	1·20	42.1602	9·8
...	32·887	−31·869	− 4	...	..
211					
...	−32·878	+ 6·927	0·90	42.1601	10·0
...	32·781	+11·033	− 1	42.1603	10·2
...	32·706	+48·301	− 3	...	...
...	32·680	−10·306	− 4	...	...
...	32·637	−14·515	0·65	43.1750	10·4
...	−32·448	−16·116	− 4	...	...
...	32·092	−49·179	− 5	...	...
■	31·668	−30·673	6·00	43.1751	7·2
...	31·595	−33·227	− 5	...	...
...	31·540	−56·010	− 3	...	...
221					
...	−31·333	−42·166	− 2	...	...
*	31·157	+50·836	1·70	42.1604	9·6
...	31·075	−33·670	− 2	...	...
...	30·731	+36·347	− 5	M	...
*	30·611	+ 2·345	1·80	42.1605	9·6
...	−30·578	+17·689	− 2	...	...
...	30·504	−26·222	− 2	...	...
...	30·328	−59·507	− 4	...	...
‡	30·027	−10·586	1·80	43.1753	9·6
†	29·993	−29·382	− 5	...	...
231					
...	−29·852	− 2·766	− 5	M	...
...	29·786	+49·962	− 1	42.1606	10·2
...	29·361	+50·934	− 5	...	...
*	29·286	+23·629	1·90	42.1607	9·3
...	29·091	+36·632	− 5	M	...
...	−29·037	+34·430	− 3	...	...
*	28·814	− 2·089	2·00	42.1608	9·2
...	28·603	+ 9·363	− 5	M	...
*	28·574	+25·975	1·80	42.1609	9·6
...	28·221	+ 3·788	0·75	...	...
241–300					
241					
...	−28·046	+42·152	− 4	.	...
...	27·674	−39·068	− 5	...	..
...	27·623	+ 4·393	− 5	M	...
...	27·570	−20·167	− 5	M	...
..	27·483	+11·055	− 5	M	...
...	−26·800	−21·830	− 5	M	...
...	26·743	−58·656	0·75	43.1754	10·2
...	26·679	+34·273	− 1	42.1610	10·2
...	26·595	+54·091	0·95	42.1611	10·1
...	26·539	+15·895	− 5	...	...
251					
...	−26·519	+44·503	− 4	...	...
...	26·381	−43·862	1·00	43.1755	10·4
...	26·288	+27·765	− 5	...	...
...	26·257	+40·306	0·95	42.1613	10·1
...	26·238	+43·757	0·95	42.1612	10·2
...	−26·215	+12·783	− 1	42.1614	10·2
...	26·112	−35·138	1·00	43.1756	10·4
...	25·843	−58·504	1·05	43.1757	10·4
...	25·827	+ 7·291	− 5	M	...
...	25·609	−13·116	− 3	...	...
261					
*	−25·607	+29·484	2·00	42.1615	9·0
*	25·489	+58·312	2·00	41.1669	9·2
...	25·347	+55·112	− 3	42.1617	10·2
*	25·317	+32·694	1·20	42.1616	9·6
...	25·185	+57·597	− 1	41.1670	10·1
†	−25·121	−58·461	− 3	...	...
†	24·987	−31·411	− 3	...	...
...	24·861	+49·551	− 4	...	...
...	24·738	+53·270	− 5	M	...
...	24·523	+55·107	− 2	42.1618	10·2
271					
...	−24·331	−35·451	− 2	...	...
...	24·241	+13·404	− 4	..	...
†	24·220	+49·685	− 1	42.1619	10·2
...	24·067	−16·699	− 4	...	...
...	23·966	− 0·433	− 5	M	...
*	−23·901	−56·585	1·50	43.1758	10·0
*	23·753	+16·665	1·70	42.1620	9·6
...	23·690	+35·102	− 3	...	...
...	23·532	+18·494	0·65	42.1621	10·2
...	23·436	+44·534	− 4	M	...
281					
...	−23·433	+48·860	− 5	M	...
...	23·179	+ 0·379	− 3	B	...
...	23·167	−31·434	− 4	...	...
...	23·125	+21·771	− 4	...	...
...	23·086	−12·415	0·65	43.1759	10·4
...	−23·003	+ 4·046	− 5	M	...
...	22·906	−42·075	− 5	...	...
...	22·822	−47·807	− 5	...	...
...	22·620	−11·004	− 4	...	...
...	22·606	+12·614	− 5	M	...
291					
*	−22·443	+35·495	1·90	42.1622	9·6
...	22·297	+25·971	− 3	...	...
...	22·139	−54·258	− 5	...	...
*	22·012	+12·310	1·70	42.1623	8·5
*	21·893	+12·275	2·80		
...	−21·969	− 4·679	0·75	43.1760	10·4
...	21·776	−25·861	− 3	...	...
...	21·706	+16·532	0·80	42.1624	9·8
*	21·682	+27·393	1·00	42.1626	9·8
...	21·565	− 3·922	− 4	...	...
301–360					
301					
...	−21·554	+46·244	− 5	M	...
..	21·520	+12·513	1·00	42.1625	9·8
...	21·176	+43·002	0·70	42.1627	10·1
...	20·935	+37·163	− 4	M	...
...	20·911	−22·517	− 5	M	...
*	−20·814	−26·738	1·40	43.1761	10·2
...	20·715	−21·650	0·80	43.1762	10·4
*	20·698	+16·492	1·00	42.1628	9·8
...	20·613	+ 2·653	− 4	M	...
...	20·492	+32·354	− 3		...
311					
...	−20·336	+21·166	− 1	...	...
†	20·165	−28·571	− 4		...
†	19·962	+ 9·729	− 1	42.1629	10·2
..	19·886	− 4·853	− 5	M	...
†	19·826	+29·711	1·15	42.1630	9·8
...	−19·773	+54·197	− 4	...	...
...	19·745	−39·781	− 5	.	...
n	19·590	−38·471	− 1	43.1763	10·2
*	19·581	−59·100	1·80	43.1764	9·9
n	19·504	−38·591	− 1	43.1763	10·2
321					
*	−19·266	+14·675	2·00	42.1631	9·3
...	19·073	− 2·694	− 4	...	...
...	18·996	+17·065	− 1	.	...
...	18·942	+30·253	− 5	M	...
...	18·914	−18·094	− 2	43.1765	10·4
...	−18·657	−18·690	− 1	43.1767	10·4
...	18·631	−40·296	0·95	43.1766	10·4
...	18·621	+ 4·696	− 5	...	...
*	18·518	−15·527	2·00	43.1768	9·6
...	18·368	+44·945	1·05	42.1632	9·8
331					
...	−18·272	−37·951	− 5	...	...
...	18·184	−19·799	− 3	..	...
...	18·125	−11·793	− 5	...	...
...	17·994	+ 5·857	− 5	M	...
...	17·975	+42·501	− 4	...	...
*	−17·928	− 7·124	2·00	43.1769	9·6
†	17·880	−45·015	− 1	43.1770	10·4
...	17·759	−34·406	− 1	43.1771	10·4
...	17·733	+16·223	− 4	...	..
...	17·56	+18·488	0·90	42.1633	10·0
341					
...	−17·455	+29·309	− 1	42.1634	10·1
..	17·313	+20·542	− 4	...	...
...	16·809	−47·010	− 5	...	...
*	16·703	−19·480	2·00	43.1772	9·2
...	16·681	−29·518	− 5	...	...
*	−16·453	−19·295	1·60	43.1773	9·8
...	16·437	+13·452	− 4	...	...
*	16·184	+ 7·237	1·15	42.1635	9·8
...	16·021	+20·745	− 4	...	...
...	15·874	+58·925	− 5	M	...
351					
...	−15·806	+45·055	− 4	...	...
*	15·799	− 4·464	1·90	43.1774	9·7
..	15·751	−53·134	1·00	43.1776	10·2
*	15·749	−37·692	1·60	43.1775	9·8
...	15·671	+ 0·976	− 4	...	...
...	−15·648	− 9·636	− 1	43.1777	10·4
...	15·619	+24·452	− 5	M	...
...	15·525	− 3·529	− 5	M	...
...	15·386	+50·648	0·95	42.1636	10·0
...	14·722	+42·797	0·75	42.1637	10·2

318, 320. C.P.D., probably wrong.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 3.	C.P.D. No.	C.P.D. Mag.
361–420					
361					
...	−14·679	[illegible]	− 5		...
..	[illegible]	[illegible]	− 5	M	...
...	14·512	− 6·713	− 5	M	...
...	[illegible]	− 9·512	− 3	43.1779	10·4
..	[illegible]	[illegible]	− 5	M	.
...	−14·173	+46·514	− 4	...	...
.	14·131	+59·358	− 5	M	...
.	13·965	+ 6·516	− 4	...	...
...	13·849	+ 9·070	− 4	...	...
..	13·42[illegible]	−47·[illegible]	− 4	...	.
371					
...	−13·144	+ 3·480	− 5	M	.
..	13·0[illegible]	−19·481	− 5	M	...
..	12·9[illegible]	−32·[illegible]	0·95	43.1780	10·2
...	12·8[illegible]	−2·[illegible]	− 4	...	...
..	12·620	+[illegible]	− 4		...
...	−12·581	+24·923	− 3	.	..
..	[illegible]	−24·594	[illegible]		...
.	12·474	−22·522	− 3		...
...	12·392	−15·977	− 5	...	...
*	12·389	+35·328	1·20	42.1638	9·8
381					
S *	−12·361	+12·667	1·60	42.1639	9·6
...	12·184	+19·601	− 4	...	...
*	12·16[illegible]	− [illegible]	4·00	43.1781	7·6
...	12·084	+29·919	− 5	M	...
...	11·936	−45·647	− 3	...	..
...	−11·9[illegible]	−46·269	− 3	...	...
†	11·873	−39·969	− 5	M	...
...	11·762	−34·217	0·75	43.1783	10·4
...	11·74[illegible]	+22·319	− 5	M	...
...	11·735	+53·985	0·70	42.1640	10·2
391					
S *	−11·590	− 8·865	4·00	43.1784	7·6
...	11·361	−43·2[illegible]	− 5	M	...
...	11·21[illegible]	+43·9[illegible]	− 5	M	...
...	10·895	+27·105	− 3	...	..
*	10·721	+55·111	1·30	42.1641	9·8
...	−10·489	+43·69[illegible]	− 4	...	...
...	10·196	+25·371	− 5	M	...
...	9·816	−[illegible]	− 5	...	...
*	9·[illegible]	−24·[illegible]	1·00	43.1785	10·2
.	9·3[illegible]	+48·468	− 5	.	...
401					
	− 9·285	−41·[illegible]	− 5	.	...
	9·183	[illegible]	[illegible]	42.1642	9·8
.	8·880	−58·728	− 5	.	...
.	8·599	−10·522	− 5	M	.
.	[illegible]	[illegible]	− 5	M	.
.	− 8·503	−21·[illegible]	− 5	M	
...	[illegible]	−5[illegible]	− 4		...
...	[illegible]	−5·[illegible]	− [illegible]	.	...
...	[illegible]	− 0·486	− 5	M	.
...	8·1[illegible]	+42·[illegible]	− 5	M	...
411					
...	− 8·078	−49·175	− 4	...	...
*	7·980	+[illegible]	1·10	41.1697	9·8
...	[illegible]	+39·486	0·70	42.1643	10·2
...	7·397	+39·[illegible]	− 5	. .	...
.	7·333	−25·435	− 3	. .	..
...	− 7·2[illegible]	+21·571	− 4	...	..
...	7·12[illegible]	− [illegible]	− 5	M	...
*	6·951	+32·331	1·0[illegible]	42.1644	9·8
...	6·[illegible]	−24·160	− 5	...	...
*	6·569	−11·548	1·20	43.1787	9·9
421–480					
421					
*	− 6·534	−31·011	1·00	43.1788	10·4
*	6·525	−58·566	1·50	43.1789	9·9
...	6·342	+21·213	1·00	42.1645	9·8
N	6·278	+39·442	0·90	42.1646	9·8
N	6·245	39·3[illegible]	0·90		
*	− 6·158	+30·181	1·05	42.1647	10·0
.	5·888	−16·680	− 5	M	...
.	5·841	−51·163	− 4	...	...
...	5·832	+57·607	− 2	...	...
...	5·343	+50·489	− 5	...	...
431					
...	− 5·208	−24·741	− 4	...	...
...	5·182	−10·944	− 4	...	...
†	5·092	+35·400	− 5	...	...
†	5·023	−19·616	− 2	...	...
†	4·964	+54·646	− 4	...	...
.	− 4·[illegible]	+11·633	− 3	42.1648	10·2
...	4·585	−30·925	− 5	...	...
..	4·541	−16·279	− 2	...	...
...	4·527	+38·[illegible]	− 4	...	...
*	4·312	+59·141	1·70	41.1704	9·6
441					
*	− 4·251	−49·561	1·60	43.1791	9·9
...	4·206	−15·263	− 4	...	...
..	4·187	−46·250	− 5	...	...
.	4·115	+38·171	1·80	42.1649	9·5
...	3·758	+19·929	− 4	...	...
..	− 3·55[illegible]	+17·490	− 5	M	...
.	3·131	+18·244	− 5	M	...
...	3·042	−38·432	− 3	...	...
...	2·910	+53·524	− 4	..	...
...	2·851	−39·617	− 3	...	...
451					
...	− 2·582	−53·[illegible]	− 2	..	...
..	2·364	+ [illegible]	− 1	42.1650	10·2
...	2·33[illegible]	−34·514	0·65	43.1792	10·4
...	2·224	+27·033	− 5	M	...
...	2·206	+26·343	− 5	M *m*	..
.	− 2·20[illegible]	−30·901	1·05	43.1794	10·2
...	2·156	−31·950	− 5	..	...
*	2·029	−21·[illegible]	2·00	43.1793	9·6
...	1·750	+52·844	− 5	...	...
...	1·727	+ 1·[illegible]	− 5	M	...
461					
S N *	− 1·546	+44·498	3·[illegible]	42.1651	8·1
...	1·543	+ 8·321	− 5	M *m*	...
*	1·477	−45·178	2·60	43.1798	8·6
.	1·476	− [illegible]	0·95	43.1795	10·2
...	1·470	+50·628	− 5	M	...
*	− 1·459	+18·483	1·70	42.1652	9·5
...	1·387	− 4·[illegible]	− 1	...	...
*	1·195	+32·[illegible]	1·50	42.1653	9·6
...	0·947	+17·466	− 5	M	...
*	0·946	+40·023	2·20	42.1654	8·8
471					
...	− 0·941	−27·429	0·90	43.1799	10·4
...	0·882	+48·320	0·7[illegible]	42.1655	10·2
*	0·6[illegible]	+23·250	1·40	42.1656	9·6
...	0·449	−35·327	− 4	...	...
†	0·423	+17·[illegible]	1·40	42.1657	9·6
...	− 0·323	+42·822	− 4	...	...
†	− 0·109	−52·405	0·80	43.1801	10·4
†	+ 0·018	−30·[illegible]	− 3	43.1800	10·4
...	0·058	− 6·786	− 4	...	...
...	0·096	+59·539	− 3	...	...
481–540					
481					
...	+ 0·327	−47·563	− 5	...	...
...	0·53[illegible]	+21·630	1·00	42.1659	9·8
*	0·565	−43·095	1·10	43.1802	10·2
...	0·761	+52·285	0·70	42.1658	10·2
...	0·893	−48·073	− 5	M	...
...	+ 0·972	+53·37[illegible]	− 5	...	...
...	1·070	+27·726	− 5	M	...
...	1·205	+25·886	− 5	M	...
*	1·566	−41·117	1·05	43.1804	10·2
...	1·668	+26·459	− 5	M	...
491					
...	+ 1·682	−45·333	0·95	43.1805	10·2
...	1·745	+34·905	1·20	42.1660	9·6
*	1·866	− 9·591	2·00	43.1806	9·7
*	1·897	+43·476	1·90	42.1661	9·2
.	2·153	−52·292	− 5	...	...
*	+ 2·465	−20·197	1·2[illegible]	43.1807	9·9
..	2·672	51·017	− 5	M	...
†	2·997	−49·966	− 5	...	...
*	3·0[illegible]	−44·410	1·20	43.1808	9·9
..	3·267	+47·080	− 4	...	...
501					
...	+ 3·409	−41·561	− 5	M	...
...	3·423	−46·607	0·95	43.1810	10·2
...	3·437	+38·726	− 5	...	...
*	3·473	−19·385	2·10	43.1809	9·1
...	3·588	+23·234	1·05	42.1662	9·8
...	+ 3·685	−30·268	− 5	...	...
...	3·867	−21·068	0·95	43.1811	10·2
...	3·878	−30·289	1·00	43.1812	10·1
...	3·931	− [illegible]	− 3	...	...
*	4·162	−36·220	1·2	43.1813	9·8
511					
...	+ 4·403	+3[illegible]	− 4	M	...
...	4·415	−51·458	1·00	43.1815	10·4
...	4·431	+10·924	− 4	M	...
†	4·995	+47·[illegible]	− 1	42.1663	10·2
*	5·045	−58·200	1·80	43.1817	9·7
†	+ 5·127	−10·130	0·85	43.1816	10·2
...	5·237	−52·329	− 5	..	...
...	5·268	+24·[illegible]	− 3	...	...
...	5·599	−56·819	− 4	..	...
...	5·602	−30·[illegible]	− 4	...	...
521					
...	+ 5·732	+29·[illegible]	− 4	...	...
..	5·860	+52·214	1·00	42.1664	10·0
...	5·92[illegible]	−21·501	− 5	...	...
.	6·068	−21·714	− 4	...	...
...	6·139	−47·969	0·80	43.1818	10·4
.	+ 6·238	+57·[illegible]	− 5	...	...
...	6·425	−12·108	− 2	43.1819	10·4
...	6·510	+55·003	0·85	42.1665	10·2
.	6·551	+38·193	1·00	42.1666	10·0
S *	6·616	− 3·635	4·80	42.1667	7·4
531					
...	+ 6·862	+41·503	− 4	...	...
...	6·872	− 8·881	− 3	...	...
...	6·9[illegible]	+32·026	− 3	...	...
...	7·026	−32·734	− 4	...	...
...	7·059	+36·077	− 4	...	...
*	+ 7·093	−51·603	1·80	43.1820	9·6
...	7·131	−56·725	− 4	...	...
...	7·195	−17·743	− 5	...	...
...	7·513	+15·094	− 4	...	...
...	7·665	+42·791	− 1	42.1669	10·1

424, 425. 42°·47, mass.

461. Var. L = 7·8 8·5.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′	″	″.	No.	Mag.
541-600					
541					
...	+ 7·733	+35·225	− 1	42.1668	10·2
*	7·848	− 9·163	2·40	43.1821	8·8
..	7·897	+18·599	− 4		
...	7·899	−22·385	− 4	.	. .
...	7·960	−15·756	− 2	...	...
*	+ 7·977	43·433	2·80	42.1670	8·7
...	8·078	+10·055	− 3	42.1671	10·2
...	8·127	−38·831	− 5	.	...
...	8·165	−31·876	− 3	...	...
...	8·214	+18·943	− 5	...	...
551					
...	+ 8·487	+45·906	− 4	...	..
...	8·534	+47·527	0·65	42.1672	10·1
†	8·682	+44·679	− 4	...	...
*	9·108	+ 9·498	1·20	42.1673	9·8
...	9·401	−40·406	− 4	.	
...	+ 9·493	− 5·325	− 4	...	.
†	9·601	+44·810	− 5	.	...
*	9·618	−22·194	2·00	43.1822	9·6
...	9·644	+22·593	0·65	...	...
*	9·665	+ 9·700	1·60	42.1674	9·6
561					
...	+ 9·711	−43·434	− 1	...	...
...	9·714	− 6·324	− 3	...	. .
†	9·936	+32·983	− 4	...	...
*	10·145	− 5·339	1·90	43.1823	9·6
...	10·448	−25·685	− 4	...	...
...	+10·450	+34·512	− 4	...	...
...	10·480	− 0·496	− 3	...	...
...	10·506	+27·677	− 4	...	...
S *	10·512	+ 5·106	2·00	42.1675	9·2
...	10·607	+ 8·951	− 5	...	...
571					
...	+10·689	−27·223	− 5	...	...
...	10·741	−52·390	− 5	...	...
*	10·793	+ 4·646	1·60	42.1676	9·6
S *	10·825	−50·258	3·45	43.1824	7·6
...	10·924	− 1·187	− 3	...	..
...	+11·045	+32·724	− 2	...	..
*	11·221	−29·532	2·00	43.1825	9·6
*	11·268	+46·157	1·90	42.1677	9·3
...	11·368	+30·880	− 5	...	...
...	11·457	−32·019	− 5		...
581					
...	+11·588	+31·184	− 2	42.1678	10·2
S *	11·855	+34·311	3·05	42.1679	8·2
...	12·037	+45·709	− 5	...	...
*	12·128	+48·313	1·80	42.1680	9·5
...	12·162	+32·733	− 2	...	...
...	+12·199	− 7·502	− 4	...	...
...	12·319	+51·373	− 4	...	...
...	12·349	+33·753	− 5	...	...
...	12·570	+42·039	1·00	42.1681	10·0
...	13·155	+19·671	− 5	...	...
591					
...	+13·202	+38·311	− 4	..	...
...	13·306	−44·207	− 4	...	...
*	13·418	+34·964	1·70	42.1682	9·6
*	13·435	−22·280	1·70	43.1826	9·9
*	13·479	−32·422	1·05	43.1827	10·0
...	+13·525	+51·775	1·00	42.1683	10·0
...	13·994	+ 5·976	− 5	...	...
...	14·003	−41·394	− 1	...	...
...	14·082	−49·248	− 5	...	...
...	14·295	+21·413	− 3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′	″	″.	No.	Mag.
601-660					
601					
.	+14·344	+ 5·668	− 5	. .	...
	14·403	−19·391	− 4	...	...
. .	14·686	+42·954	1·05	42.1684	10·0
. .	14·722	+30·764	1·00	42.1685	9·8
..	14·722	−42·314	− 5		
†	+14·935	+53·106	− 3	.	...
...	14·979	+24·308	− 4	...	..
...	15·268	−44·739	0·65	...	.
.	15·757	+17·652	− 3	...	.
...	15·794	−54·557	− 4		...
611					
...	+15·845	+11·952	0·95	42.1686	10·0
...	15·853	−18·642	− 5	...	...
...	15·880	−53·266	0·80	43.1828	10·4
...	16·194	+23·356	− 3	...	...
...	16·274	−34·575	− 4	...	...
...	+16·283	+39·481	− 5	...	...
...	16·360	−21·306	− 5	...	...
...	16·436	+ 6·469	− 4	...	...
...	16·518	−27·653	− 5	...	...
...	16·545	+54·064	− 3	...	...
621					
...	+16·661	+36·970	− 5	...	...
†	17·074	−20·441	− 4	...	...
...	17·152	−23·058	− 1	...	...
..	17·531	− 4·796	− 4	...	...
...	17·586	−43·548	− 3	...	...
*	+17·706	− 7·456	1·10	43.1829	10·1
...	17·959	+46·451	− 5	...	...
..	18·309	+19·387	− 3	...	...
*	18·425	+ 7·885	1·00	42.1688	9·8
...	18·464	−44·901	− 1	...	...
631					
*	+18·632	+45·264	1·10	42.1687	9·8
n	18·644	+ 8·976	0·70	42.1689	9·2
...	18·769	+14·301	− 2	.	...
...	18·794	+52·250	− 5	..	...
n *	18·812	+ 9·103	1·80	42.1689	9·2
*	+18·840	−36·184	1·50	43.1830	9·8
. .	18·850	−36·336	− 5		...
. .	18·935	+31·080	− 5	...	...
..	19·007	−34·555	− 3	.	...
...	19·075	+59·067	1·00	41.1744	9·8
641					
†	+19·241	−30·002	− 1	...	...
...	19·272	−35·377	0·85	43.1831	10·4
...	19·424	− 5·202	0·75	43.1832	10·4
*	19·495	−23·396	2·00	43.1833	9·2
†	19·846	−24·287	− 4	...	...
†	+19·900	+43·743	− 1	42.1690	10·2
†	19·915	−26·824	− 4	...	...
...	20·146	+29·411	1·10	42.1691	9·8
...	20·196	−19·159	− 5	...	...
...	20·509	+36·413	− 5	...	...
651					
...	+20·552	+14·527	− 5	...	...
. .	20·711	− 7·490	− 5	...	...
...	20·806	−28·044	0·65	...	...
*	20·904	+21·578	1·20	42.1693	9·6
...	21·107	+51·114	1·05	42.1692	9·8
...	+21·263	−37·598	− 5	...	...
...	21·368	−50·529	0·70	43.1834	10·2
...	21·808	−14·115	− 2	...	...
...	21·874	−47·210	− 5	...	...
...	22·080	+41·679	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′	″	″.	No.	Mag.
661-720					
661					
..	+22·186	−29·255	0·95	43.1835	10·4
	22·244	+39·713	− 5	...	...
†	22·420	−34·999	− 4	...	...
...	22·430	+32·551	− 5	...	...
...	22·442	− 1·989	− 4	...	...
...	+22·448	−11·042	1·00	43.1836	10·2
..	22·474	+ 0·902	− 3	...	...
..	22·692	− 7·820	− 5	...	...
..	22·741	+46·986	− 5	...	...
*	22·769	+47·183	1·80	42.1694	9·2
671					
. .	+22·778	−48·332	− 5	...	.
*	22·901	−16·942	1·80	43.1837	9·8
...	22·984	−51·184	− 5	...	...
...	23·117	+17·977	− 1	. .	...
...	23·251	−42·482	− 5	...	...
*	+23·264	− 6·762	1·90	43.1838	9·6
...	23·280	+58·230	1·10	41.1754	9·8
†	23·373	+19·810	− 5	...	...
...	23·382	+ 0·118	1·05	42.1695	10·0
...	23·698	−49·603	− 1	..	. .
681					
...	+23·945	−20·457	− 5	...	...
...	24·209	+36·278	0·95	42.1696	10·1
...	24·239	−44·060	− 5	...	...
...	24·314	+15·618	− 5	...	...
...	24·506	−51·133	− 5	...	...
‡	+24·805	+24·457	3·00	42.1697	8·4
‡	24·920	− 9·579	0·95	43.1839	10·2
...	24·939	+ 6·686	0·65	...	...
...	25·225	+33·121	− 4	.	...
...	25·462	+ 2·418	− 4	...	. .
691					
...	+25·619	−23·319	− 4	...	. .
..	25·631	− 0·404	− 1	42.1699	10·2
†	25·644	+54·826	0·70	42.1698	10·0
...	26·053	−32·813	− 3	...	...
...	26·097	− 0·320	− 4	a	...
...	+26·215	− 3·656	− 3	...	...
	26·224	−41·435	0·65	...	...
...	26·649	−43·284	− 4	...	...
*	26·846	+11·718	2·00	42.1700	9·3
...	26·870	+26·802	− 4	...	...
701					
...	+26·913	+54·175	− 4	...	...
...	27·077	+ 8·833	0·90	42.1702	10·0
...	27·266	+34·913	0·80	42.1701	10·0
†	27·331	+54·825	− 4	...	..
*	27·337	− 2·256	1·10	42.1704	9·8
.	+27·358	+ 1·623	− 4	..	...
...	27·692	−53·254	− 2	...	...
.	27·701	+22·917	− 2	...	...
*	27·708	+38·148	2·30	42.1703	8·8
...	27·819	−13·427	− 5	...	...
711					
...	+28·067	−37·546	− 5	...	...
...	28·115	−41·822	− 4	...	...
...	28·149	−34·123	0·90	43.1840	10·4
...	28·155	+29·311	0·95	42.1705	10·1
...	28·197	− 9·742	− 2	...	...
*	+28·409	−16·503	1·90	43.1841	9·4
...	28·525	+21·506	− 3	42.1706	10·2
*	28·605	−47·511	1·10	43.1842	10·4
...	29·208	+52·245	− 3	...	...
..	29·267	−39·263	− 3	...	...

632, 635. C.P.D., probably mass.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′	′	−3.	No.	Mag.
721-780					
721					
*	+29·311	−14·928	1·90	43.1843	9·6
	29·407	+43·792	− 5	...	...
	29·484	−58·895	0·70	43.1845	10·4
*	29·532	+23·275	1·00	42.1707	10·0
†	29·655	−15·120	− 1	43.1844	10·2
..	+29·681	−17·043	− 2	...	..
†	29·741	+42·592	− 4	...	...
†	29·874	−44·582	− 5	...	...
†	29·884	−26·613	− 1	...	...
...	29·959	+59·075	− 5	...	...
731					
..	+30·427	−39·418	− 5	...	...
..	30·553	−18·285	− 5	...	...
...	30·619	−14·800	− 1	...	...
...	30·708	+ 9·328	− 5	...	...
*	30·791	−31·048	2·00	43.1846	9·4
...	+30·880	+15·745	0·95	42.1709	10·2
...	30·908	−50·559	− 1	...	...
...	30·978	−20·988	1·00	43.1847	10·4
..	31·204	+26·255	− 1	42.1710	10·2
...	31·233	+48·874	− 2	42.1708	10·2
741					
*	+31·239	−34·553	1·60	43.1848	9·8
...	31·259	−14·878	− 5	...	...
.	31·523	−12·994	− 2	...	...
..	31·542	+ 0·201	− 3	...	...
*	31·684	+17·836	3·00	42.1711	8·4
*	+31·766	−55·757	1·60	43.1851	10·0
...	31·847	+16·607	− 2	42.1712	10·2
..	31·915	+45·145	− 4	...	...
..	31·951	+21·285	− 5	...	...
*	32·129	−12·819	1·00	43.1849	10·2
751					
...	+32·188	−42·045	− 4	...	...
.	32·388	+41·182	− 5	...	...
.	32·405	−32·685	− 4	...	...
...	32·518	−21·195	− 5	...	...
*	32·757	−40·321	1·40	43.1852	9·9
..	+32·760	+ 3·382	1·10	42.1714	10·0
.	32·879	−16·416	− 4	...	..
	32·952	+29·884	1·30	42.1713	9·6
...	33·032	−16·615	− 4	...	...
*	33·161	−28·342	2·00	43.1853	9·6
761					
...	+33·199	− 8·977	− 5	...	...
.	33·251	+28·675	1·05	42.1715	9·8
...	33·402	+42·504	− 5	...	...
..	33·436	−28·046	− 4	...	...
.	33·528	−18·270	− 4	...	...
	+33·653	+ 9·512	5·00	42.1716	7·0
...	33·790	− 7·168	− 5	...	...
...	33·826	−11·825	− 5	...	..
*	33·956	−31·239	3·00	43.1854	8·3
..	33·970	−27·997	− 5	...	..
771					
...	+33·978	+21·443	− 5	...	..
	34·058	+30·718	− 4	...	...
*	34·118	+28·819	1·50	42.1717	9·4
	34·318	−58·368	− 1	43.1856	10·4
	34·401	+46·512	− 5	...	..
...	+34·407	−11·335	− 5	...	...
.	34·495	−21·017	− 5	...	..
..	34·510	+ 1·914	− 2	42.1718	10·2
..	34·525	−14·702	0·70	...	..
‡	34·720	−35·856	1·10	43.1857	9·8

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	3.	No.	Mag.
781-840					
781					
†	+34·792	+20·608	− 1	42.1720	9·8
*	34·840	+24·838	2·00	42.1719	9·2
.	35·107	+26·243	− 4	...	...
*	35·116	− 7·024	2·60	43.1858	8·6
...	35·163	−55·642	− 5	...	...
...	+35·211	−13·165	− 2	43.1859	10·4
...	35·260	+48·531	− 4	...	...
...	35·727	+57·892	− 1	41.1783	10·4
..	35·770	+ 0·404	− 3	42.1722	10·2
†	35·949	+29·737	− 3	...	...
791					
...	+36·013	+ 0·903	1·20	42.1723	10·0
...	36·049	−24·942	− 4	...	...
...	36·103	+18·742	0·95	42.1721	9·8
..	36·301	−32·400	− 3	...	...
...	36·519	+50·924	− 5	...	...
†	+36·578	+ 4·961	0·80	42.1724	10·1
*	36·677	−12·393	1·20	43.1860	10·0
*	37·235	+42·266	1·90	42.1725	9·1
S *	37·283	+21·945	5·75	42.1726	6·6
...	37·289	+28·017	− 2	...	...
801					
..	+37·363	− 0·845	− 5	...	...
...	37·380	+ 5·083	− 1	42.1727	10·2
...	37·387	−26·765	− 5	...	...
...	37·442	+47·859	− 2	...	...
...	37·534	−46·250	− 3	...	...
...	+37·552	+ 6·405	1·00	42.1729	10·2
...	37·599	−16·183	− 5	...	...
...	37·845	+49·063	− 4	...	...
..	37·859	−24·181	− 3	...	...
...	37·883	+34·134	0·80	42.1728	10·4
811					
...	+37·918	−33·449	− 2	...	...
...	37·946	−21·056	− 4	...	...
...	38·014	+48·888	− 1	...	...
...	38·016	+24·194	− 4	...	...
*	38·090	−16·131	1·30	43.1861	10·0
f ‡	+38·097	− 0·089	1·60	42.1731	9·7
*	38·098	− 0·762	1·05	42.1730	9·8
...	38·234	+12·638	− 3	...	...
...	38·351	−50·445	1·00	43.1862	10·4
...	38·392	+ 1·466	− 5	...	
821					
...	+38·650	−56·218	− 4	...	...
...	39·131	−33·770	− 1	...	...
...	39·152	+48·034	− 4	...	...
...	39·205	+17·418	− 4	...	...
...	39·286	−48·774	− 4	...	...
*	+39·626	−45·280	2·00	43.1863	9·6
...	39·658	+42·639	0·90	42.1732	10·4
†	39·692	−30·276	− 3	...	
...	40·107	+ 4·264	− 5	...	...
...	40·375	+ 7·976	1·00	42.1733	10·2
831					
...	+40·847	+32·071	− 4	...	...
.	41·045	− 1·468	1·00	42.1734	10·4
.	41·174	+25·859	− 5	...	...
...	41·234	− 9·268	1·00	43.1864	10·4
...	41·274	−11·340	− 5	...	...
*	+41·305	−55·669	2·00	43.1865	9·7
...	41·385	−11·004	− 1	...	...
.	41·394	−34·95-	− 3	...	...
...	41·438	−41·327	− 5	...	...
*	41·796	−51·760	1·40	43.1866	9·9

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
841-900					
841					
...	+42·003	−49·223	− 3	...	...
..	42·075	−28·093	− 3	...	...
...	42·114	+59·043	− 5	...	...
..	42·114	+55·419	− 4	42.1735	10·4
*	42·309	+55·822	3·00	42.1736	7·8
...	+42·313	+ 8·961	− 5	...	...
*	42·459	−34·471	2·00	43.1867	9·1
...	42·617	−59·251	− 4	...	...
...	42·787	−28·337	− 3	...	...
...	42·789	−49·223	− 2	...	...
851					
*	+42·924	−36·645	1·50	43.1870	9·7
...	42·947	+ 2·656	− 5	...	...
*	42·961	−24·146	1·60	43.1868	9·6
...	42·984	−51·385	− 3	...	...
‡	42·986	−30·012	1·05	43.1869	10·0
...	+42·993	−38·435	− 4	...	...
...	43·249	+ 1·148	− 2	...	...
†	43·340	+39·807	− 5	...	...
*	43·498	−39·774	2·00	43.1871	9·1
†	43·523	+14·812	− 5	...	...
861					
S *	+43·540	+55·890	3·80	42.1737	7·5
*	43·864	+47·305	1·10	42.1738	9·8
...	43·904	+ 8·892	1·00	42.1739	10·4
...	44·068	+30·774	− 3	...	...
..	44·365	+21·108	− 2	...	.
...	+44·457	−59·570	− 5	...	...
...	44·480	−22·183	− 4	...	...
...	44·524	− 0·695	− 5	...	...
†	44·775	+37·664	− 4	...	...
...	44·950	−21·757	− 5	...	...
871					
...	+45·237	+ 0·295	− 5	a	...
*	45·310	−47·127	1·30	43.1873	10·0
*	45·394	+35·320	2·90	42.1740	8·4
...	45·448	−59·547	0·75	41.1800	10·2
...	45·474	−32·828	− 5	...	...
...	+45·537	−36·102	− 5	...	...
...	45·802	−14·924	0·80	42.1742	10·2
...	45·805	−33·344	− 3	...	..
*	45·825	−12·269	1·60	43.1872	9·8
*	46·000	+33·435	1·05	42.1741	10·1
881					
...	+46·033	−34·658	− 5	...	...
...	46·107	+17·344	− 3	...	...
...	46·124	−26·236	0·80	43.1875	10·4
...	46·277	− 8·098	0·95	43.1874	10·4
...	46·345	−32·346	− 1	43.1876	10·4
...	+46·393	+52·888	− 3	...	...
*	46·463	−54·386	1·05	43.1878	10·0
...	46·811	+46·927	− 4	...	..
...	47·055	−45·471	− 5	...	..
N ‡ [	47·096	−40·015	1·80	43.1879	9·6
891					
...	+47·215	−26·735	− 3	...	...
...	47·293	−53·523	− 3	...	...
...	47·311	+42·261	− 4	...	...
†	47·338	+24·837	0·75	42.1743	10·4
...	47·433	−30·608	− 4	...	...
..	+47·463	+18·128	− 3	...	...
*	47·495	−45·488	2·00	43.1880	9·6
*	47·549	−45·806	1·20	43.1881	9·7
...	47·561	−18·855	− 5	...	...
...	47·625	−49·234	1·00	43.1882	10·0

890. Mass. 44·48, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. z.	Diam. s.	C.P.D. No.	C.P.D. Mag.
901-930					
901					
.	+47·776	+26·811	− 5	...	...
.	47·795	+35·794	− 2	42.1744	10·4
...	48·018	−20·847	− 5	...	...
..	48·132	+58·493	− 2	41.1809	10·4
..	48·134	−14·730	− 5	...	...
...	+48·231	+22·946	− 5	...	...
...	48·525	−27·157	− 3	...	...
...	48·838	− 4·212	− 4	...	...
...	48·914	+17·313	1·00	42.1747	10·2
*	48·936	+54·107	1·50	42.1745	9·8
911					
...	+49·001	−13·277	− 4	...	...
*	49·046	+51·373	2·00	42.1746	9·2
...	49·319	+ 1·795	0·75	42.1749	10·4
...	49·622	−44·783	− 5	...	...
†	49·751	+20·794	0·65	...	...
†	+49·779	+ 1·815	1·05	42.1752	9·8
...	49·832	+10·566	− 4	...	...
...	49·914	−10·744	1·00	43.1883	10·2
...	49·923	+13·088	0·80	42.1750	10·4
*	50·022	+51·985	1·50	42.1748	9·6
921					
...	+50·143	+21·542	0·80	42.1751	10·4
...	50·427	− 7·479	− 5	...	...
..	50·510	+21·766	− 5	..	...
...	50·935	−43·833	− 5	...	...
*	50·948	+44·015	2·80	42.1753	8·6
*	+51·392	−57·070	3·00	43.1885	8·9
.	51·492	− 7·770	1·00	43.1884	10·1
...	51·548	−45·203	− 5	...	...
.	51·569	+23·039	− 5	...	...
*	51·612	+23·132	1·05	42.1755	9·8
931-960					
931					
..	+51·815	+33·505	− 5	...	...
...	51·818	+ 6·229	0·95	42.1757	10·2
...	51·840	+21·762	0·95	42.1756	10·2
...	51·924	+50·725	− 5	...	...
*	52·144	+49·217	1·60	42.1754	9·4
S *	+52·350	−43·603	2·00	43.1887	9·1
..	52·424	+13·720	0·65	...	...
..	52·549	+58·821	− 5	...	...
...	52·746	− 8·735	0·95	43.1886	10·4
...	53·010	− 2·765	− 3	...	.
941					
...	+53·033	−10·709	− 3	...	...
...	53·056	+33·039	− 2	42.1759	10·4
...	53·189	+59·628	− 4	...	...
...	53·210	−27·749	− 5	...	...
...	53·260	+54·107	− 1	42.1758	10·0
...	+53·293	+58·202	− 5	...	...
...	53·397	−33·253	− 4	...	...
...	53·428	−30·200	− 4	...	...
...	53·459	− 1·620	− 4	...	...
...	54·275	+ 5·529	− 5	...	...
951					
...	+54·410	+27·349	0·95	42.1760	10·2
†	54·684	− 3·232	− 2	42.1761	10·4
†	54·833	−22·613	− 4	...	...
...	54·849	−35·958	− 4	...	...
...	55·146	+ 7·415	0·95	42.1763	10·1
*	+55·411	−41·383	1·30	43.1888	9·9
...	55·431	+14·069	− 4	...	...
...	55·497	+38·470	− 2	42.1762	10·4
*	55·569	+ 4·501	1·30	42.1764	10·0
...	55·611	−27·196	0·75	...	...
961-989					
961					
*	+55·752	−31·438	1·50	43.1889	10·0
.	55·915	+18·633	− 4	...	...
..	56·143	+19·930	− 4	...	...
*	56·396	+22·834	2·00	42.1765	8·8
..	57·016	−42·589	− 5	..	...
*	+57·038	−15·475	1·90	43.1890	9·7
...	57·287	+11·215	0·65	...	...
...	57·514	+17·860	0·95	42.1766	10·1
..	57·663	− 1·740	− 5	...	...
...	57·829	−56·112	0·90	43.1893	10·0
971					
*	+57·862	−11·292	1·20	43.1891	9·9
...	58·125	−48·086	− 4	...	...
...	58·210	−49·675	− 3	43.1895	10·4
*	58·223	−41·002	1·90	43.1892	9·6
...	58·280	+ 1·860	− 4	...	...
...	+58·482	−22·630	− 5	...	...
...	58·534	−47·229	− 5	...	...
...	58·635	+50·296	1·15	42.1767	9·8
...	58·678	−24·341	− 5	...	...
...	58·707	− 3·175	− 5	...	...
981					
...	+58·825	+16·346	− 4	...	...
*	59·143	− 9·081	1·00	43.1894	10·2
*	59·278	+48·842	1·50	42.1768	9·8
...	59·388	−39·564	− 5	...	...
...	59·415	−46·064	− 2	43.1897	10·2
...	+59·486	−27·449	− 5	...	...
*	59·614	−11·828	1·30	43.1896	10·0
...	59·617	−27·974	0·65	...	...
†	59·734	+ 3·766	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. z.	Diam. s.	C.P.D. No.	C.P.D. Mag.
1-20					
1					
*	−59·504	−10·890	1·00	43.1883	10·2
...	59·354	+50·628	− 5	...	...
...	59·081	− 7·606	− 5	...	...
*	59·050	+49·112	1·30	42.1754	9·4
...	58·946	+33·412	− 5	...	...
...	−58·905	+17·541	− 5	...	...
...	58·866	+22·923	− 4	...	...
*	58·815	+23·023	1·05	42.1755	9·8
...	58·561	+21·665	0·80	42.1756	10·2
...	58·105	+ 6·141	0·90	42.1757	10·2
11					
...	−58·102	+54·042	− 2	42.1758	10·0
*	58·014	− 7·856	1·05	43.1884	10·1
...	57·729	+13·640	0·75	...	...
...	57·679	+32·976	0·80	42.1759	10·4
...	57·567	−21·351	− 5	...	...
...	−57·496	−43·929	− 5	...	...
...	56·830	−45·280	− 5	...	...
...	56·773	+ 3·105	− 5	A	...
...	56·734	− 8·789	0·90	43.1886	10·4
...	56·649	− 2·815	− 3	...	...
21-40					
21					
*	−56·635	−57·144	2·30	43.1885	8·9
...	56·387	−10·759	0·70	...	...
...	56·241	− 1·659	− 4	...	...
...	56·139	+27·319	0·90	42.1760	10·2
...	56·116	−20·719	− 5	...	...
S *	−56·073	−43·652	1·40	43.1887	9·1
...	55·691	−27·787	− 3	...	...
...	55·625	+ 5·511	− 5	...	...
...	55·409	−30·225	− 3	...	...
...	55·396	+38·477	− 3	42.1762	10·4
31					
...	−55·364	−33·273	− 3	...	...
...	55·067	−40·529	− 5	...	...
...	54·957	− 3·230	0·85	42.1761	10·4
...	54·925	−48·645	− 5	...	...
†	54·807	+ 7·497	0·90	42.1763	10·1
...	−54·729	+14·076	− 5	...	...
...	54·656	−40·187	− 5	...	...
...	54·385	+18·655	− 5	...	...
...	54·304	−39·305	− 5	...	...
*	54·298	+ 4·513	1·05	42.1764	10·0
41-60					
41					
...	−54·241	−22·602	− 4	...	...
...	54·195	+19·948	− 4	...	...
*	54·026	+22·871	1·40	42.1765	8·8
...	53·822	−35·945	− 4	...	...
...	53·312	−27·167	0·90	.	...
*	−53·089	−41·354	1·05	43.1888	9·9
*	53·053	−31·399	1·10	43.1889	10·0
...	52·795	+11·283	0·80	...	...
*	52·757	+17·930	1·00	42.1766	10·1
*	52·587	+50·386	1·00	42.1767	9·8
51					
*	−52·237	−15·403	1·20	43.1890	9·7
...	52·223	−39·983	− 5	...	...
...	52·029	− 1·663	− 5	...	...
...	51·935	+11·575	− 5	...	...
*	51·915	+48·949	1·05	42.1768	9·8
...	−51·801	+24·420	− 5	...	...
*	51·540	−11·192	1·05	43.1891	9·9
...	51·518	+ 1·946	− 5	...	...
...	51·515	+57·103	− 4	41.1825	10·4
...	51·466	−42·505	− 5	...	...

S measured from 1, 268, 843, 970.
SB ,, ,, 115, 473, 813, 1145.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
61–120					
61					
...	−51·405	+16·468	− 5	...	...
..	51·331	+52·479	− 3	42.1769	10·4
S	50·955	+34·697	2·10	42.1771	8·0
...	50·941	− 3·053	− 5	...	..
...	50·905	+34·232	− 3	42.1770	10·4
...	−50·728	+33·624	− 5	...	..
*	50·583	+29·186	1·00	42.1772	9·9
...	50·581	−22·511	− 5	...	...
...	50·338	+16·689	− 2	...	...
*	50·324	− 8·936	1·00	43.1894	10·2
71					
*	−50·285	−40·874	1·20	43.1892	9·6
*	50·231	−55·982	1·05	43.1893	10·0
..	50·172	−47·955	− 5	...	...
...	50·131	+ 3·898	− 4	...	...
...	50·112	− 7·054	− 5	...	...
...	−50·103	+15·606	− 5	...	...
‡	50·068	+58·663	1·35	41.1831	9·2
...	50·039	−49·548	− 3	43.1895	10·4
...	49·838	+42·711	0·65	...	...
*	49·769	−11·674	1·10	43.1896	10·0
81					
...	−49·520	+18·678	− 5	...	...
...	49·421	−27·296	− 4	...	...
...	49·382	+36·745	− 5	...	...
...	49·293	−27·822	0·85	...	...
.	49·219	+35·383	0·65	42.1773	10·4
...	−49·183	−39·411	− 5	...	...
...	49·165	+37·018	− 5	...	...
...	49·156	−20·612	− 5	...	...
*	49·132	−17·917	1·10	43.1898	9·6
...	48·953	−45·904	0·85	43.1897	10·2
91					
...	−48·514	+35·899	0·65	42.1774	10·4
*	48·275	+45·630	1·70	42.1775	9·0
...	48·160	+31·382	− 5	...	..
..	47·638	−52·807	− 4	...	...
*	47·618	+34·008	0·95	42.1776	10·2
...	−47·469	− 4·838	− 5	...	...
...	47·463	+54·913	− 5	...	...
...	47·409	+25·375	− 5	...	...
...	47·406	+42·744	− 5	...	...
...	47·229	+ 1·090	− 4	...	...
101					
...	−47·184	+13·219	− 3	...	...
*	46·994	−20·634	1·20	43.1899	9·4
...	46·863	−34·128	− 5	...	...
S *	46·612	−44·529	2·60	43.1900	7·8
...	46·391	−26·646	− 4	...	
...	−45·915	−52·584	− 5	...	..
...	45·885	+24·180	− 5	..	...
..	45·808	−28·733	− 4	.	...
...	45·440	+26·193	− 4	..	..
...	45·419	−42·715	0·90	43.1902	10·1
111					
...	−45·395	+ 0·721	0·90	42.1777	10·4
*	45·344	−36·571	1·20	43.1903	9·6
...	45·280	+32·181	− 5	..	...
*	45·236	+29·100	1·20	42.1778	9·6
..	44·763	−28·499	− 5	...	...
..	−44·629	+21·701	− 3	...	...
*	44·566	−16·384	1·10	43.1904	9·6
..	44·539	− 9·263	− 5	...	...
...	44·492	+42·454	− 2	42.1779	10·2
*	44·238	−49·391	1·20	43.1906	9·6
121–180					
121					
...	−44·231	+26·948	− 4	...	...
*	44·216	−37·554	1·00	43.1905	9·9
...	44·113	+18·998	− 1	42.1781	10·4
..	44·087	−15·080	− 5	...	...
*	44·082	+ 3·572	1·00	42.1780	9·9
*	−44·039	+54·884	1·10	42.1784	9·8
...	43·809	−53·179	− 4	...	...
*	43·777	+10·937	2·00	42.1783	8·3
...	43·746	+56·501	− 5	..	...
*	43·741	+ 1·311	1·10	42.1782	9·4
131					
...	−43·704	−10·042	− 5	...	...
...	43·580	−10·400	− 5	...	...
...	43·457	+20·605	− 5	...	...
*	43·221	+16·858	1·10	42.1785	9·6
...	43·209	− 8·639	− 5	...	...
...	−43·111	+10·846	− 5	...	...
...	42·833	+33·640	− 4	...	..
...	42·718	+43·831	− 4	42.1786	10·4
..	42·652	−19·373	− 5	...	...
..	42·537	−49·717	− 5	...	...
141					
...	−42·242	+50·033	− 5	...	...
...	42·070	− 0·335	− 5	M	...
*	41·750	−39·955	1·00	43.1908	10·1
...	41·696	− 8·385	− 5	...	...
S *	41·612	+47·230	2·00	42.1787	8·6
...	−41·597	+48·046	− 5	...	...
...	41·525	−54·465	− 5	...	...
..	41·435	+34·330	− 4	...	...
...	41·328	−35·887	− 5	...	...
...	41·190	+16·698	− 4	...	...
151					
...	−41·017	−27·899	− 5	...	...
...	40·972	+26·070	− 4	...	...
...	40·971	−44·213	− 5	...	...
*	40·828	+ 1·747	1·05	42.1788	9·7
*	40·722	−38·034	1·00	43.1910	10·0
...	−40·685	−39·589	− 4	...	...
...	40·680	+ 4·502	− 5	M	...
..	40·514	−24·041	− 5	...	...
...	40·211	− 4·654	− 3	...	...
*	40·211	−27·638	1·10	43.1912	9·8
161					
...	−40·151	+25·146	− 5	..	...
...	40·135	+ 1·142	− 5	...	...
.	40·124	+41·862	− 5	...	...
...	40·115	−33·598	− 5	...	...
...	40·047	−34·375	0·80	43.1911	10·4
...	−39·755	−46·833	− 5	...	...
..	39·748	+34·262	− 5	...	...
*	39·702	−19·303	1·00	43.1913	10·2
...	39·694	+ 2·592	− 3	...	...
...	39·619	−44·555	0·65	...	...
171					
...	−39·519	− 7·784	− 5	...	...
*	39·507	−30·277	1·00	43.1914	10·2
...	39·462	−27·207	− 3	...	...
*	39·292	−21·032	1·00	42.1789	9·9
†	39·063	− 4·855	− 3	...	...
..	−39·036	− 7·543	− 5	...	...
*	38·890	−49·098	1·80	43.1915	9·0
...	38·868	+25·364	− 3	...	...
*	38·846	+26·664	1·00	42.1790	10·2
*	38·815	+54·412	1·20	42.1791	9·8
181–240					
181					
...	−38·794	−42·620	0·85	43.1916	10·4
...	38·525	−42·491	− 4	43.1917	10·4
F *	38·256	− 0·203	1·00	42.1792	10·2
...	38·214	−33·394	− 5	...	...
..	38·202	−20·239	− 5	...	...
...	−38·194	+12·925	− 5	...	...
..	38·168	+20·169	− 5	..	..
†	38·027	−30·160	− 5		..
...	37·967	+25·679	0·65	42.1793	10·2
*	37·901	−44·245	1·00	43.1918	10·2
191					
...	−37·850	−49·591	− 5	...	...
...	37·833	−42·998	− 5	...	...
...	37·791	−16·907	1·00	43.1919	9·8
...	37·556	− 8·745	− 5	...	...
...	36·984	+28·875	− 5	A	...
...	−36·954	+ 6·620	− 5	M	...
...	36·932	+27·202	− 3	42.1794	10·4
...	36·673	+48·213	− 4	...	...
*	36·646	−50·943	1·80	43.1920	8·8
...	36·510	+50·809	− 5	...	...
201					
*	−36·425	+12·830	1·00	42.1795	9·9
†	36·150	+ 9·836	− 2	42.1796	10·4
...	36·018	+14·860	− 5	A	...
...	35·990	− 3·544	− 5	...	...
*	35·670	+30·058	1·05	42.1797	9·7
...	−35·613	+15·529	− 2	42.1798	10·4
...	35·540	+16·254	− 1	42.1799	10·4
...	35·522	−20·487	− 1	43.1921	10·4
...	35·493	−46·046	− 5	...	...
...	35·379	−19·542	− 5	...	...
211					
...	−35·255	+ 3·626	0·70	42.1800	10·4
...	35·040	−42·150	0·65	43.1922	10·4
*	34·858	+42·596	1·10	42.1802	9·4
...	34·759	−21·994	− 5	.	...
...	34·714	+18·626	− 1	42.1801	10·4
...	−34·691	+17·773	− 5	...	...
...	34·592	−41·680	− 5	...	...
...	34·542	+23·184	− 5	...	...
*	34·269	−42·732	2·00	42.1805	8·5
...	34·186	+10·327	0·65	42.1803	10·4
221					
*	−34·140	−45·575	1·15	43.1923	9·8
...	34·110	+27·660	− 4	...	..
..	34·042	+ 5·500	0·65	42.1804	10·4
...	33·787	+22·437	− 5	...	...
...	33·750	+36·091	− 5	...	...
*	−33·716	−36·051	1·25	43.1924	9·3
...	33·511	− 2·285	− 3	...	...
*	33·361	+38·571	1·70	42.1806	8·6
*	33·349	−17·732	1·35	43.1926	9·1
...	33·260	+45·459	− 5	...	...
231					
*	−33·250	−36·826	2·00	43.1925	8·5
*	33·241	+33·636	1·00	42.1807	10·1
...	33·229	+ 0·397	− 5	M	...
...	33·126	+ 8·785	− 5	...	...
‡	32·954	−40·121	1·00	43.1927	9·8
.	−32·758	+17·766	− 3	...	...
...	32·604	−47·668	− 2	43.1928	10·4
...	32·581	−49·966	− 5	...	...
.	32·558	−27·786	− 3	.	...
.	32·467	+29·884	− 5	...	...

241–300

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
241					
...	−32·341	−22·472	− 3	...	...
*	32·335	+48·643	1·25	42.1809	9·2
*	32·318	+28·082	1·00	42.1808	10·2
...	32·302	− 1·987	− 5	...	...
...	32·290	+26·767	− 5	...	
*	−31·989	+24·096	1·00	42.1810	10·0
*	31·870	−14·643	1·00	43.1929	10·0
...	31·649	−39·921	− 1	43.1933	10·4
...	31·515	−38·065	− 5	...	...
...	31·365	−40·781	− 1	43.1931	10·4
251					
*	−31·339	+29·582	1·00	42.1811	10·0
...	31·174	−57·222	− 5	...	...
...	31·125	−31·328	− 5	...	...
...	31·010	−21·601	− 3	...	...
...	30·958	+31·205	− 5	...	...
...	−30·914	−26·428	0·70	43.1932	10·4
...	30·911	− 8·183	− 5	...	...
...	30·789	+22·604	− 5	...	...
...	30·613	+22·775	− 4	...	...
*	30·457	+ 9·518	1·25	42.1812	9·2
261					
...	−30·376	+37·429	− 5	...	...
...	30·281	+48·144	− 4	...	...
*	30·225	−37·657	1·10	43.1933	9·7
...	30·218	+26·434	− 1	42.1814	10·4
...	30·184	+ 4·344	0·65	42.1813	10·4
...	−30·046	+16·861	0·65	42.1815	10·2
...	30·043	+10·100	− 5	...	...
†	29·930	+37·900	− 4	...	...
...	29·925	+56·466	− 4	...	...
...	29·911	+49·163	0·65	...	...
271					
...	−29·510	−20·236	− 5	...	...
†	29·288	−49·983	− 1	...	...
*	29·190	+56·037	1·20	42.1816	9·6
...	28·977	−19·087	− 5	...	...
*	28·970	−23·343	1·00	43.1934	10·0
*	−28·961	+16·165	1·20	42.1817	9·4
...	28·875	−37·999	− 4	...	...
*	28·680	− 5·530	1·00	43.1935	10·0
*	28·652	+25·752	1·80	42.1818	8·4
*	28·624	+38·072	1·00	42.1819	10·1
281					
...	−28·572	−38·554	− 5	...	...
...	28·569	+37·900	0·90	42.1820	10·1
*	28·422	−30·964	1·40	43.1936	8·6
*	28·353	−31·049	1·05		
...	28·354	−11·681	− 5	...	...
...	−28·306	−44·383	− 5	...	...
...	28·295	−33·434	0·65	43.1937	10·4
...	28·186	+ 0·215	− 2	...	...
...	28·180	+59·513	− 5	...	...
...	28·140	−27·494	− 5	...	...
291					
...	−28·100	+47·441	− 5	...	...
...	27·988	−27·741	− 5	...	...
*	27·986	−43·382	1·05	43.1938	9·9
...	27·907	+27·122	0·75	42.1821	10·4
...	27·884	+34·934	− 5	...	...
*	−27·745	+46·498	1·00	42.1822	10·0
†	27·666	− 0·130	− 2	a	...
...	27·583	+17·615	0·80	42.1823	10·4
...	27·455	−15·704	− 3	...	...
...	27·313	−11·036	− 4	...	...

301–360

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
301					
...	−27·218	− 8·528	− 5	B	
	27·168	+ 6·119	− 4	...	
	27·153	−11·873	− 4	...	
	27·062	+29·019	0·75	42.1824	10·4
	27·056	−32·897	− 5	...	...
.	−26·926	+37·307	0·70	42.1826	10·4
..	26·916	+29·202	0·80	42.1825	10·4
*	26·864	−34·831	3·80	43.1939	6·6
.	26·862	−58·208	− 5		
...	26·854	−49·550	− 5		...
311					
.	−26·835	+15·846	− 5	...	...
.	26·790	+37·040	0·70	42.1827	10·4
	26·635	−32·620	0·75	...	...
..	26·607	+ 3·244	− 5	.	
...	26·579	−57·117	− 3	.	.
	−26·560	+43·234	− 5	...	...
..	26·523	−36·015	− 5	...	...
..	26·488	−12·134	− 4	...	...
..	26·451	−12·368	− 5	...	...
*	26·396	− 2·283	1·20	42.1828	9·2
321					
...	−26·349	−21·597	− 5	...	...
...	26·338	− 7·794	− 3	...	...
..	26·246	−48·655	− 4	...	...
*	26·191	−57·452	1·05	43.1940	10·0
*	26·185	+22·315	1·05	42.1829	9·8
*	−25·820	+ 4·375	1·30	42.1831	9·0
*	25·793	+ 3·894	1·00	42.1830	9·9
...	25·644	−43·383	− 4	...	...
...	25·511	+30·612	0·90	42.1832	10·2
...	25·505	−48·456	− 5	...	...
331					
...	−25·434	+10·830	− 5	...	...
...	25·368	+39·447	− 5	...	.
*	25·288	+36·851	1·20	42.1833	9·4
*	25·248	−58·764	1·00	43.1942	10·1
*	25·196	+29·521	1·00	42.1834	9·8
. .	−25·184	+23·421	0·75	42.1835	10·4
..	25·089	−15·066	− 3	...	...
*	25·053	−15·538	1·00	43.1943	9·9
...	25·027	−15·615	0·80		
...	25·035	+ 3·660	− 5	..	...
341					
†	−24·902	−35·368	− 5	...	...
	24·882	+24·253	1·30	42.1836	9·2
.	24·759	−15·584	0·70	...	...
...	24·754	+34·550	− 5	...	...
.	24·714	+45·765	1·00	42.1837	9·9
...	−24·634	−25·431	− 5		...
...	24·621	− 4·234	− 5	...	
...	24·308	−22·644	− 5	..	...
.	24·308	−23·288	− 5	..	..
...	24·233	+48·894	− 3		...
351					
*	−24·216	−43·895	1·00	43.1944	10·4
...	24·116	+52·910	0·90	42.1838	10·2
*	23·831	+ 3·797	1·00	42.1839	9·9
...	23·749	+ 6·949	− 5	...	...
...	23·558	−53·681	− 5	...	...
	−23·530	+35·267	0·90	42.1840	10·2
...	23·526	− 9·899	− 5	...	..
...	23·501	−30·745	− 5	...	.
..	23·453	−40·413	− 5	...	..
..	23·360	−42·773	− 5	...	...

361–420

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
361					
	−23·273	+31·928	− 5	A	...
	23·125	+24·642	0·75	42.1843	10·4
	23·109	−41·208	− 5	...	...
	23·075	+57·218	− 4	41.1877	10·4
	23·074	+23·199	0·65	42.1841	10·4
...	−23·050	+13·054	0·75	42.1842	10·4
...	23·021	+ 1·998	− 5	M	...
*	22·995	−45·619	1·35	43.1945	9·1
...	22·977	−51·846	− 5	...	..
...	22·808	−37·725	− 5	...	...
371					
†	−22·722	−20·222	1·80	43.1946	8·7
*	22·658	−29·227	1·00	43.1947	10·1
...	22·528	−10·659	− 2	...	...
S *	22·455	+ 2·497	2·00	42.1844	8·6
...	22·450	+50·926	− 5	...	..
*	−22·367	−23·647	1·40	43.1948	9·1
..	22·298	+ 5·149	0·80	42.1845	10·4
*	22·272	+31·716	1·10	42.1846	9·4
...	22·256	+16·283	− 4	...	...
...	22·097	−39·961	0·80	..	...
381					
...	−22·083	− 4·679	− 4	...	...
...	22·024	+40·945	− 5	...	...
N *	21·954	−52·626	1·35	...	...
*	21·839	− 2·193	1·10	42.1847	9·7
...	21·793	+13·759	0·70	...	...
*	−21·695	+13·173	1·00	42.1848	9·8
...	21·637	−24·808	− 4	...	...
...	21·618	+34·023	− 5	...	...
*	21·615	−59·552	2·00	43.1949	8·9
...	21·612	−10·615	− 5	...	...
391					
...	−21·606	−46·559	− 5	..	...
...	21·510	− 6·706	− 5	...	...
*	21·498	+28·332	1·15	42.1849	9·2
*	21·412	− 5·341	1·10	43.1951	9·6
...	21·390	−21·488	0·80	43.1952	10·4
...	−21·254	−57·455	− 5	...	...
...	21·234	−55·968	− 5	.	.
...	20·893	−37·463	0·70	...	...
...	20·847	−58·816	0·90	43.1953	10·4
...	20·469	+56·910	− 5	...	...
401					
.	−20·451	+48·186	− 5	...	...
...	20·451	− 9·576	0·75	43.1955	10·4
...	20·436	− 8·568	− 2	...	...
...	20·401	+38·222	− 5	...	...
*	20·378	− 7·303	1·00	43.1956	10·1
*	−20·367	−33·921	1·00	43.1954	10·4
*	20·361	+ 5·241	1·20	42.1850	9·2
...	20·295	+ 6·962	− 5	...	...
...	20·287	−27·805	− 4	..	...
...	20·082	−17·643	− 5	..	...
411					
*	−19·870	+12·413	1·00	42.1851	10·1
...	19·867	+53·954	− 5	...	..
...	19·809	+14·439	− 5	...	..
...	19·798	+ 6·443	− 5	M	..
.	19·791	−40·463	− 4	...	.
...	−19·780	− 2·072	− 3	.	...
*	19·746	+33·008	2·00	42.1852	8·6
	19·665	+43·431	− 5	...	...
...	19·625	−38·212	− 5	..	...
..	19·551	+24·382	− 3		

383. Var.

421–480

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
421					
*	−19·522	+10·368	1·00	42.1853	10·1
. .	19·315	−47·494	− 5	...	...
...	19·287	−12·153	− 3	...	...
.	19·284	+48·080	− 5	...	...
.	18·928	+34·792	− 5	...	...
.	−18·911	−41·809	− 5	...	...
. .	18·905	+ 6·860	− 5	...	...
...	18·789	+38·842	− 5	...	...
...	18·738	−18·338	− 4	...	...
*	18·552	+18·171	1·00	42.1854	9·9
431					
...	−18·527	−31·347	− 4	...	...
...	18·479	−31·961	− 5	A	...
.	18·368	+10·661	− 5	...	...
...	18·200	+ 4·005	− 5	M	...
..	18·179	+ 5·005	− 5	M	...
	−18·149	−15·317	− 4	...	...
*	18·021	− 0·691	1·60	42.1855	8·6
...	17·981	−52·722	− 4	...	...
	17·916	−52·322	− 5	...	...
.	17·790	+18·222	− 5	...	...
441					
*	−17·723	−58·851	1·00	43.1957	10·4
	17·712	+ 1·784	− 2	...	...
*	17·643	+ 9·078	1·00	42.1856	9·8
*	17·404	−14·898	1·00	43.1958	10·1
...	16·998	+ 5·028	− 5	M	...
...	−16·971	−15·511	− 5	...	...
...	16·953	−27·177	− 5	...	...
...	16·856	−30·863	0·65	...	...
...	16·848	−10·069	− 5	...	...
...	16·717	−30·985	− 5	...	...
451					
†	−16·704	−49·983	− 4	...	...
...	16·575	− 3·769	− 5	B	...
..	16·233	+48·072	0·90	42.1857	10·0
*	16·155	−25·649	1·15	43.1959	9·9
	16·122	+32·869	− 5	...	...
...	−16·019	−42·286	− 3	...	...
...	15·948	+ 2·058	− 4	...	...
. .	15·941	−26·196	0·70	...	...
*	15·904	− 54·215	1·00	43.1960	10·2
S *	15·832	+13·727	1·40	42.1858	8·6
461					
†	−15·749	+17·198	− 4	...	...
	15·653	− 7·215	− 2	...	...
. .	15·573	−26·976	− 4	...	...
...	15·558	−27·989	− 4	...	...
.	15·460	−45·111	− 3	...	...
*	−15·428	+51·651	2·60	42.1859	9·6
*	15·328	+ 0·766	1·40	42.1860	8·8
*	15·087	−25·515	1·00	43.1961	10·2
†	15·071	+40·902	0·85	42.1861	10·1
†	15·071	+ 30·582	− 5		
471					
†	−15·059	+22·440	1·00	42.1863	9·5
*	15·042	−42·111	1·10	43.1962	9·8
†	14·948	+37·558	1·10	42.1862	9·8
.	14·660	− 6·750	− 4	...	...
*	14·556	+ 53·259	2·00	42.1864	8·6
...	−14·552	+28·502	− 4	...	...
*	14·370	−13·954	5·00	43.1963	5·5
...	14·258	−11·700	0·65	43.1964	10·2
*	14·205	+ 39·350	1·00	42.1865	10·0
...	13·649	− 7·982	− 3	...	...

481–540

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
481					
...	−13·548	+25·808	− 5	...	...
...	13·499	−12·431	0·85	43.1965	10·2
...	13·292	−28·150	− 5	...	...
...	13·240	+ 1·766	− 4	...	...
...	13·209	−27·353	− 4	...	...
...	−13·064	− 2·416	− 5	...	...
*	13·010	−41·295	1·00	43.1966	10·2
...	12·909	+40·925	− 5	...	...
*	12·903	+20·044	1·20	42.1866	9·4
...	12·877	−22·093	0·90	43.1967	10·4
491					
...	−12·874	− 3·525	− 5	...	...
...	12·559	−59·749	− 5	...	...
*	12·532	−12·915	2·30	43.1968	8·0
*	12·219	+16·191	1·05	42.1867	10·0
...	12·174	+ 2·499	− 4	...	...
...	−12·133	+35·283	− 5	...	...
...	12·016	−27·434	− 4	...	...
...	11·974	−20·492	− 5	...	...
..	11·637	−45·596	− 5	...	...
...	11·632	− 2·536	− 5	...	...
501					
...	−11·601	−57·625	0·70	43.1969	10·4
...	11·536	−32·845	− 5	...	...
...	11·518	+49·940	− 5	...	...
*	11·439	− 8·662	1·00	43.1970	10·1
...	11·333	+14·002	− 5	M	...
...	−11·219	−17·161	− 5	...	...
...	10·778	−44·324	− 5	...	...
*	10·673	−20·096	1·40	43.1972	9·0
*	10·642	−39·850	1·20	43.1971	9·6
...	10·495	+ 3·305	− 5	M	...
511					
...	−10·432	+ 5·534	− 5	...	...
*	10·422	−34·073	1·00	43.1973	10·1
*	10·099	− 4·125	1·10	43.1976	9·8
*	10·098	−50·447	5·50	43.1974	5·3
†	10·049	−15·983	− 1	43.1975	10·2
..	− 9·928	+ 8·797	− 3	...	...
*	9·907	+22·402	1·00	42.1868	10·1
...	9·615	+47·423	− 5	...	...
...	9·490	+31·687	− 2	...	...
...	9·462	− 9·091	− 4	...	...
521					
...	− 9·405	− 2·099	− 5	...	...
...	9·278	+20·158	0·65	42.1869	10·2
..	9·269	−55·387	0·75	43.1977	10·4
...	9·180	+45·365	− 5	...	...
...	9·117	+31·790	− 5	...	...
*	− 9·092	+36·128	1·00	42.1870	10·1
.	9·034	+33·593	− 3	42.1871	10·4
...	9·022	+46·443	− 5	...	...
...	8·971	−19·737	− 5	...	...
*	8·932	−28·281	1·05	43.1978	9·9
531					
. .	− 8·905	−41·108	− 5	...	...
*	8·899	+54·062	1·00	42.1872	10·1
...	8·831	+14·371	− 5	...	...
. .	8·829	− 2·771	− 5	...	...
...	8·764	+45·739	0·75	42.1873	10·1
*	− 8·755	−50·917	1·00	43.1979	9·7
..	8·673	− 0·806	− 5	...	...
...	8·546	−26·943	− 5	B	...
*	8·329	+ 0·220	2·00	42.1874	8·6
...	8·257	+10·840	− 4	...	...

541–600

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
541					
...	− 8·050	−13·761	− 4	...	...
	8·010	+27·931	− 5	...	...
...	8·009	+ 2·022	− 5	...	...
...	7·878	+37·230	− 5	...	...
..	7·844	−37·079	− 5	...	...
...	− 7·817	−49·157	0·70	43.1982	10·4
...	7·759	+28·552	− 4	...	...
*	7·747	−45·562	1·10	43.1981	9·8
*	7·669	+34·211	1·20	42.1875	9·2
...	7·535	+15·148	− 3	...	...
551					
*	− 7·468	+21·239	1·00	42.1876	10·2
*	7·461	−43·272	1·00	43.1983	10·0
...	7·455	−43·373	0·65		
*	7·388	+47·635	1·10	42.1877	9·4
...	7·319	+13·351	− 3	...	...
...	− 7·232	−21·302	− 2	...	...
...	7·083	−57·590	− 4	...	...
...	7·063	−52·099	− 5	...	...
...	7·024	−20·302	− 3	...	...
...	6·840	−42·193	0·65	43.1984	10·4
561					
*	− 6·609	−12·252	1·50	43.1985	8·9
*	6·492	− 8·946	1·30	43.1986	9·2
...	6·422	+55·743	− 5	...	...
*	6·287	+32·805	1·20	42.1878	9·2
S *	6·279	−13·806	2·40	43.1987	8·1
...	− 6·231	+54·774	− 5	...	...
...	6·174	−24·738	0·80	43.1988	10·4
*	6·002	−34·920	1·05	43.1989	10·0
...	5·966	+20·087	− 5	...	...
...	5·926	− 7·689	− 3	...	...
571					
*	− 5·888	−20·383	1·00	43.1990	10·1
...	5·461	+41·536	− 4	...	...
...	5·426	−26·666	0·80	43.1991	10·2
*	5·404	+48·121	1·10	42.1879	9·4
...	5·366	+15·214	− 4	...	...
...	− 5·127	−14·055	0·65	...	...
*	5·103	−10·270	1·00	43.1992	10·0
†	5·091	+ 4·195	− 4	...	...
†	5·006	−11·444	− 5	43.1993	10·4
†	4·899	−39·820	− 2	43.1994	10·4
581					
.	− 4·813	−31·859	− 1	...	...
...	4·783	−25·785	− 5	M *m*	...
...	4·527	−59·200	0·65	43.1996	10·2
*	4·448	−21·520	1·10	43.1995	9·8
...	4·374	+ 7·325	− 5	M *m*	...
*	− 4·270	−58·527	2·20	43.1997	8·0
...	4·236	− 1·350	− 5	M *m*	...
*	4·223	−52·117	1·20	43.1998	9·6
...	4·211	−43·848	− 5	*m*	...
...	4·157	−48·322	0·80	...	...
591					
...	− 4·108	+ 5·987	− 5	M *m*	...
..	3·904	−53·702	− 5	*m*	...
	3·837	− 3·606	− 5	*m*	...
...	3·813	+32·238	− 3	42.1880	10·4
.	3·795	−55·573	− 5	*m*	...
...	− 3·608	+ 1·154	− 1	...	...
...	3·353	−48·842	− 5	*m*	...
*	3·320	+16·802	1·00	42.1881	10·1
. .	3·151	−20·974	− 5	*m*	...
...	3·062	−47·582	0·80	43.2000	10·4

601–660

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
601					
...	− 2′998	−47′468	− 5	*m*	...
*	2·956	−50·069	1·00	43.2001	9·8
...	2·906	+ 2·020	− 5	M *m*	...
...	2·875	+27·372	− 4	...	...
*	2·803	−35·484	1·00	43.2002	10·4
...	− 2·664	−12·694	− 2	...	...
*	2·589	−37·999	1·00	43.2003	9·9
...	2·575	+27·234	− 5	*m*	...
...	2·538	−32·136	− 3	...	...
*	2·468	−38·453	1·00	43.2004	10·2
611					
...	− 2·429	− 8·695	0·75	43.2005	10·4
*	2·343	+17·782	1·25	42.1882	9·2
*	2·297	− 2·111	1·00	42.1883	9·8
...	2·294	−46·521	− 3	...	...
...	2·210	−41·437	− 2	...	...
*	− 2·156	−36·626	1·30	43.2006	9·0
*	2·154	−23·418	1·05	43.2007	10·0
...	2·151	+20·727	− 5	*m*	...
*	1·917	+20·839	1·00	42.1884	10·0
...	1·844	−34·958	− 3	...	...
621					
...	− 1·638	−15·818	− 5	*m*	...
S *	1·610	+26·954	1·33	42.1885	9·1
...	1·577	−15·000	− 3	43.2008	10·4
...	1·554	−21·929	− 5	*m*	...
...	1·552	+ 2·436	− 2	...	...
...	− 1·531	−38·348	0·80	...	...
...	1·408	−38·669	− 4	...	...
...	1·405	−12·809	0·90	43.2009	10·2
...	1·340	+ 9·152	0·70	42.1886	10·4
...	1·160	+57·070	− 5	...	...
631					
...	− 1·056	+21·952	− 5	*m*	...
*	1·042	−11·177	1·30	43.2010	8·6
...	0·937	− 5·760	− 5	...	...
*	0·712	− 1·684	2·00	42.1887	8·6
*	0·559	+15·788	1·25	42.1888	9·2
...	− 0·530	− 6·478	− 5	M *m*	...
...	0·521	−29·338	− 3	...	...
*	0·518	−56·381	1·10	43.2013	9·8
†	0·486	−25·079	0·75	43.2012	10·4
*	0·459	−12·961	1·30	43.2011	9·6
641					
†	− 0·096	+19·857	− 3	42.1890	10·2
†	− 0·084	+38·838	− 3	42.1889	10·2
...	+ 0·042	+17·871	− 4	*m*	...
...	0·290	+11·412	− 3	*m*	...
...	0·316	+15·546	0·65	*m*	...
...	+ 0·364	−58·388	− 5	...	...
*	0·376	−46·165	1·05	43.2014	9·9
...	0·396	− 7·627	− 1	*m*	...
...	0·746	+44·230	− 5	...	...
...	0·831	−15·473	− 5	M *m*	...
651					
...	+ 0·946	−22·817	0·80	...	...
*	0·951	+42·548	1·20	42.1891	9·4
‡	1·133	−15·059	1·00	43.2015	10·0
†	1·162	+39·785	− 5	M *m*	...
...	1·428	−28·741	0·75	...	...
*	+ 1·482	−33·940	1·70	43.2017	8·9
...	1·546	−49·079	− 5	*m*	...
*	1·682	+11·405	1·10	42.1892	9·6
...	1·775	+28·964	− 5	...	...
...	1·786	− 6·265	− 5	M *m*	...

661–720

Notes.	Co-ordinates.		Diam.	C.P.D.	
			z.	No.	Mag.
661					
.	+ 1′830	−17′855	− 5	° *m*	...
...	1·850	+32·686	0·70	..	
...	1·934	+14·707	− 5	M *m*	.
...	2·120	− 4·622	0·90	43.2018	10·4
...	2·121	+12·016	0·70	42.1893	10·4
	+ 2·171	+24·876	− 4	M *m*	
...	2·368	−18·703	− 5	*m*	...
...	2·484	+32·676	0·90	42.1894	10·2
.	2·488	− 5·031	1·30	42.1896	9·0
*	2·495	+37·753	1·10	42.1895	9·7
671					
...	+ 2·663	−16·740	− 5	*m*	...
..	2·683	− 9·717	− 5	M *m*	...
.	2·815	+11·774	0·80	42.1897	10·4
...	2·823	+ 2·910	− 5	M *m*	...
..	2·996	−29·606	− 5	...	...
...	+ 3·014	−59·436	− 5	...	...
...	3·055	+12·617	− 5	M *m*	...
...	3·099	−51·367	0·85	43.2019	10·4
*	3·122	+29·531	1·00	42.1898	10·2
...	3·223	−52·638	− 5	*m*	...
681					
...	+ 3·237	+41·768	0·85	42.1899	10·4
..	3·387	−29·697	− 4	...	...
...	3·512	−31·352	− 5	..	...
...	3·678	+26·723	− 5	*m*	...
...	3·714	−38·358	− 3	...	...
...	+ 3·756	−22·310	− 5	M *m*	...
...	3·779	+38·423	− 4	...	...
...	3·848	− 6·490	− 2	A *m*	...
...	3·888	+52·056	− 5	*m*	...
...	4·153	+ 3·785	− 5	M *m*	...
691					
...	+ 4·170	−12·785	− 5	M *m*	...
...	4·258	+18·851	− 4	*m*	.
...	4·286	+32·821	0·90	42.1900	10·2
...	4·473	+56·088	− 5	*m*	...
...	4·546	+25·180	− 2	...	...
...	+ 4·605	− 1·746	0·70	*m*	...
†	4·987	−42·878	− 3	...	...
†	5·070	−54·524	0·90	43.2022	10·4
...	5·080	+ 6·366	− 4	*m*	...
*	5·155	−25·588	1·10	43.2021	9·7
701					
*	+ 5·218	+58·754	1·20	41.1939	9·7
...	5·218	− 6·965	0·95	43.2020	10·4
...	5·312	−21·305	− 4	...	...
...	5·376	+28·114	− 3	...	...
...	5·458	−22·988	− 5	*m*	...
...	+ 5·479	+33·681	− 5	*m*	...
...	5·511	+19·703	− 3	...	.
...	5·606	+23·763	− 5	*m*	...
...	5·763	+ 2·007	− 3	...	...
...	5·801	− 5·587	− 5	*m*	..
711					
...	+ 6·051	−19·852	0·85	43.2024	10·4
...	6·058	+15·552	− 4	*m*	.
...	6·132	+12·115	− 4	..	...
..	6·187	−44·258	0·75	43.2025	10·4
...	6·386	−46·032	0·90	42.1901	10·2
*	+ 6·473	− 1·151	1·15	42.1902	9·4
...	6·623	− 9·226	− 4	...	...
..	6·630	+ 6·186	0·75	...	.
..	6·713	+25·839	− 4	*m*	...
...	6·773	−42·090	− 5	*m*	...

721–780

Notes.	Co-ordinates.		Diam.	C.P.D.	
			− 3.	No.	Mag.
721					
	+ 7′275	−27′034	− 4	...	...
...	7·391	−27·522	0·70	...	...
...	7·557	−49·274	− 3	...	...
...	7·765	+ 4·738	− 5	*m*	...
..	7·908	+41·208	− 1	42.1903	10·4
	+ 7·928	−13·638	− 5	*m*	...
..	8·021	−47·291	− 4	...	...
*	8·088	−38·154	1·00	43.2026	10·2
...	8·101	−15·834	0·90	43.2027	10·4
*	8·216	−36·864	1·00	43.2028	10·2
731					
...	+ 8·278	−49·871	− 5	...	...
...	8·290	−11·832	− 3	...	...
..	8·363	−48·922	− 5	*m*	...
*	8·429	+ 2·271	1·10	42.1904	9·8
...	8·493	+10·418	− 4	*m*	...
...	+ 8·793	+49·630	− 4	..	..
...	8·898	− 8·319	− 4	41.1949	10·4
*	8·990	−22·525	2·20	43.2029	8·2
...	9·028	+36·664	0·80	42.1905	10·4
*	9·079	−26·696	1·10	43.2030	9·8
741					
...	+ 9·138	−28·847	− 5	*m*	...
...	9·324	+51·250	− 4	...	...
...	9·385	+13·092	0·70	...	...
...	9·441	−44·234	− 3	..	...
...	9·445	−16·408	− 4	...	...
...	+ 9·537	+19·135	− 5	*m*	...
n	9·576	−27·543	0·90	43.2031	10·2
...	9·643	−42·848	− 4	...	...
*	9·671	+ 8·034	1·00	42.1907	10·2
...	9·671	−13·684	− 2	...	...
751					
...	+ 9·722	+51·005	0·65	42.1906	10·4
n	9·753	−27·566	0·75	43.2031	10·2
...	9·763	−34·211	0·80	...	...
...	9·828	− 8·500	− 5	*m*	...
†	9·846	+32·789	− 4	...	...
†	+ 9·965	+13·836	− 5	*m*	...
...	10·114	+43·333	− 5	*m*	...
*	10·191	+32·549	1·05	42.1908	9·8
...	10·233	−55·599	− 5	...	...
...	10·316	−17·434	− 2	...	...
761					
*	+10·388	−30·521	1·00	43.2032	10·2
..	10·451	+39·139	0·65	...	...
..	10·541	+25·800	− 5	*m*	...
*	10·550	− 8·914	1·00	43.2033	10·2
...	10·561	−43·609	− 3	...	...
...	+10·701	+37·634	− 3	...	...
*	10·878	+ 5·379	1·10	42.1909	9·6
*	11·027	+12·278	1·00	42.1911	10·1
*	11·100	+25·575	1·00	42.1910	10·0
...	11·312	−38·941	− 5	*m*	...
771					
...	+11·336	− 2·380	0·80	...	...
*	11·406	+14·641	1·10	42.1912	9·6
..	11·433	−47·308	0·65	...	...
...	11·447	− 7·641	− 5	*m*	...
..	11·515	+24·183	− 3	...	..
...	+11·749	+35·643	− 3	...	...
...	11·944	−11·976	− 5	*m*	...
†	12·017	−25·037	− 2	...	...
...	12·169	+42·496	0·70	...	...
...	12·383	+46·447	− 4	*m*	..

747, 752. C.P.D., probably wrong.

781–840

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′	″	s.	No.	Mag.
781					
..	+12·570	+31·912	−4		...
	12·590	− 8·849	0·75	..	
...	12·600	+14·423	−3	...	
	12·638	−26·065	−3	...	...
	12·754	+43·913	−5	...	...
	+12·911	−40·589	−4	...	...
	13·016	−43·051	−4	..	...
	13·307	−53·344	0·80	..	...
...	13·322	−49·272	−1	..	..
...	13·338	−10·486	−5	*m*	...
791					
...	+13·488	− 4·661	−5	*m*	..
...	13·567	− 3·938	−5	*m*	...
..	13·682	− 7·243	0·70	...	...
...	13·712	−38·928	−5	*m*	...
..	13·724	−54·183	−5	*m*	...
*	+13·840	− 9·800	1·00	43.2034	10·4
n *	14·023	+ 2·028	1·00	42.1914	10·1
*	14·037	+30·982	1·15	42.1913	9·4
	14·050	− 7·275	−5	*m*	...
*	14·238	−28·486	1·00	43.2036	10·4
801					
*	+14·260	−31·391	2·00	43.2035	8·6
..	14·320	+ 5·125	0·80	...	...
n	14·356	+ 1·955	0·65	42.1914	10·1
.	14·378	+16·843	−5	*m*	...
	14·506	+10·150	−2	*a*	...
..	+14·552	+54·843	−3	...	...
.	14·704	+18·103	−5	*m*	...
*	14·717	− 1·896	1·90	42.1916	8·5
...	14·729	−29·551	0·85	..	...
...	14·769	+ 0·978	−4	*m*	...
811					
..	+14·804	+34·580	0·80	42.1915	10·4
	14·884	−31·004	0·85	43.2037	10·4
...	14·992	+37·144	−5	*m*	...
†	15·045	−41·928	−3	...	...
*	15·052	− 1·259	1·20	42.1917	9·2
..	+15·064	+48·112	−5	...	...
...	15·213	−41·421	0·65	43.2038	10·4
*	15·233	−20·627	1·20	43.2039	9·6
...	15·334	−29·189	−5	*m*	...
*	15·428	−43·162	1·00	43.2040	9·9
821					
...	+15·564	+26·765	−5	*m*	...
*	15·601	−20·755	1·00	43.2041	10·2
.	15·665	−54·167	−5	...	...
...	15·707	−24·583	−5		...
*	15·913	−20·795	1·05	43.2042	9·8
	+16·019	− 9·828	−5		
...	16·185	+ 7·613	−4	*m*	...
...	16·211	−15·474	−5		...
...	16·341	−52·830	−2		
...	16·443	+ 3·561	−4		
831					
	+16·492	−28·342	−5	...	
	16·508	−46·160	−5	*m*	
	16·607	−32·399	−4	...	...
.	16·718	+ 8·651	−3	42.1918	10·2
...	16·803	− 0·872	−5	*m*	
...	+16·953	+16·677	−4	*m*	...
...	16·954	+ 5·786	−5	*m*	
...	16·975	+15·199	−5	*m*	...
...	17·041	−35·178	−4	...	...
S *	17·131	− 7·007	2·20	43.2045	8·0

841–900

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′	″	s.	No.	Mag.
841					
*	+17·140	+41·751	1·00	42.1919	9·7
...	17·289	+ 0·208	−5	*m*	...
.	17·309	+28·553	−5	*m*	...
..	17·569	−53·096	−4	...	...
.	17·601	+59·189	−3	41.1963	10·4
	+17·635	+46·641	−4	...	...
.	18·051	+39·347	−5	...	...
...	18·168	−34·389	−5	..	...
..	18·398	+20·715	−2	....	...
...	18·401	+14·107	−4	...	...
851					
*	+18·588	−51·401	1·00	43.2046	10·0
...	18·646	+42·529	−5	*m*	...
*	18·665	+ 3·253	1·00	42.1920	9·6
...	18·881	+20·237	−2	...	...
*	18·894	−53·174	1·10	43.2048	10·0
*	+18·947	−40·588	1·00	43.2047	10·2
...	19·038	+ 0·333	−5	*m*	...
...	19·197	−43·048	0·90	43.2049	10·4
...	19·240	−20·989	−5	*m*	...
...	19·310	−42·207	−2	..	...
861					
...	+19·492	−12·459	−5	*m*	...
*	19·568	+32·132	1·05	42.1921	9·4
...	19·655	−18·378	−5	*m*	...
*	19·732	− 0·579	1·00	42.1922	9·7
†	19·843	+ 2·424	0·75	42.1923	10·0
N †	+19·943	−49·750	−4	...	...
...	20·192	+ 1·905	−5	*m*	...
*	20·372	−46·810	1·00	43.2050	10·0
...	20·412	−57·269	−5	...	...
...	20·443	−46·494	−5	...	...
871					
..	+20·486	−42·853	−5	*m*	...
..	20·844	+ 3·489	−4	...	...
.	20·898	+18·237	−5	*m*	...
..	20·944	+19·411	−3	...	...
..	21·160	+48·701	−5	*m*	...
*	+21·167	−47·306	1·00	43.2051	9·9
*	21·374	+38·015	1·00	42.1924	10·1
*	21·456	+26·471	1·00	42.1926	9·4
..	21·477	−36·373	0·75	43.2053	10·4
*	21·551	− 9·393	1·00	43.2052	9·8
881					
.	+21·553	+11·906	−5	*m*	...
*	21·585	+23·018	1·00	42.1927	9·8
...	21·694	+ 9·954	−5	...	...
*	21·788	+51·789	1·00	42.1925	9·9
..	22·033	−40·651	−2		
	+22·102	− 7·143	−4	...	..
	22·251	−34·056	0·70	43.2055	10·4
	22·318	+15·636	−2	42.1928	10·4
..	22·326	+14·754	−3	42.1929	10·4
...	22·341	−36·531	0·70	43.2056	10·4
891					
..	+22·400	−56·498	−3	...	...
	22·460	+ 0·203	−5	*m*	...
..	22·506	−34·166	−4	...	...
...	22·577	+ 1·122	−5	*m*	...
...	22·862	+19·456	−5		...
.	+22·970	−16·674	−3		...
...	23·169	+46·490	−5	...	
.	23·287	− 7·841	1·20	43.2057	9·6
.	23·350	−32·311	−5	..	...
†	23·388	−50·014	−4	...	...

901–960

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′	″	s.	No.	Mag.
901					
*	+23·405	−30·278	1·00	43.2058	10·4
.	23·637	−28·457	−5	...	...
*	23·744	− 2·627	1·00	42.1931	10·1
*	23·787	−55·503	1·00	43.2059	10·4
...	23·794	−29·261	−4	...	...
..	+23·799	+52·121	−5	*m*	...
...	23·837	+21·461	−5	*m*	...
...	23·856	−39·512	−5	*m*	...
*	23·895	+14·040	1·00	42.1930	10·0
...	23·962	−27·924	−5	...	...
911					
...	+23·988	−16·219	−3	...	...
...	24·157	+22·672	−5	*m*	...
..	24·182	+52·166	−5	...	...
*	24·380	+10·890	1·00	42.1932	10·1
...	24·432	− 1·150	−3	..	...
..	+24·509	−23·441	−5	*m*	...
...	24·551	−19·555	−5	*m*	...
...	24·570	+43·645	−5	*m*	...
..	24·585	+ 1·550	−5	*m*	...
*	24·658	+21·754	1·80	42.1933	8·6
921					
...	+24·701	−37·588	−5	...	...
†	24·776	+34·002	−5	*m*	...
...	24·784	−12·246	−5	*m*	...
†	24·925	+33·673	−5	...	...
...	25·439	+ 6·332	−2	42.1935	10·4
...	+25·445	−29·683	0·75	43.2060	10·4
*	25·446	+51·577	1·30	42.1934	8·6
...	25·492	+48·931	−5	...	...
...	25·506	−27·997	−5	...	...
...	25·602	+12·289	−4	..	...
931					
...	+25·668	+31·954	−5		...
.	25·680	+56·592	−5	..	...
...	25·773	+23·239	−2	...	...
...	25·785	+ 9·396	−4	..	...
...	26·115	−38·210	0·70	43.2062	10·2
.	+26·156	+45·576	0·70	42.1936	10·1
...	26·158	−20·181	0·65	43.2061	10·4
.	26·162	+34·394	−5	...	...
	26·301	+16·764	−5	*m*	...
...	26·513	−52·651	−2	43.2063	10·4
941					
...	+26·923	+ 2·866	−3	...	...
*	26·934	−35·182	1·00	43.2064	10·2
...	26·943	+12·462	−2	...	...
...	27·091	+29·942	−3	42.1937	10·4
S *	27·210	+57·615	2·20	41.1989	8·3
	+27·218	−32·196	−5	...	...
...	27·364	− 0·022	−5	*m*	...
...	27·393	−56·085	0·65	43.2067	10·4
..	27·393	−24·807	−5	*m*	...
...	27·415	−27·288	−5	...	...
951					
..	+27·421	− 3·001	−4	...	...
...	27·468	−13·554	0·70	43.2065	10·4
..	27·488	−36·646	−4	..	...
*	27·591	−32·525	2·10	43.2066	7·8
.	27·594	−45·577	0·65	...	...
...	+27·687	−30·293	−5	*m*	...
..	27·711	−54·066	−4	...	...
*	27·748	+ 5·031	1·00	42.1938	9·6
...	27·770	+ 6·918	−4	...	...
...	27·916	−59·491	−5	...	...

Notes. B lighter of double.

797, 803. C.P.D., probably mass.

961–1020

Notes.	Co-ordinates. x	Co-ordinates. y	Diam. s	C.P.D. No.	C.P.D. Mag.
961					
*	+28·011	−40·462	1·00	43.2068	10·4
.	28·046	− 1·146	− 5	m	...
.	28·085	−43·830	− 5	...	...
..	28·268	−34·574	− 5	m	...
S *	28·308	+12·880	2·90	42.1939	7·5
*	+28·344	−24·631	1·05	43.2069	9·8
...	28·374	−55·151	− 2	43.2070	10·4
...	28·777	−10·241	− 3	...	...
...	28·947	−30·793	− 1	43.2071	10·4
*	29·321	+47·815	1·00	42.1940	9·8
971					
...	+29·444	−41·377	− 1	...	...
..	29·468	−27·219	− 5	m	...
...	29·483	− 5·571	− 5	m	...
...	29·647	+22·720	− 5	...	...
...	29·773	+22·195	− 5	.	...
...	+29·985	− 5·715	0·80	...	...
...	29·995	+28·789	0·90	42.1943	10·2
...	30·010	+ 5·444	− 2	a	...
*	30·089	+36·299	1·00	42.1941	9·9
...	30·091	−33·050	− 3	...	...
981					
...	+30·099	+12·037	− 5	m	...
...	30·124	−31·201	− 2	...	...
...	30·234	−42·576	− 5	...	...
...	30·235	+48·732	− 2	42.1942	10·4
*	30·236	−17·512	1·00	43.2073	10·0
...	+30·257	− 0·956	− 5	m	...
...	30·274	+54·019	− 5	...	...
...	30·320	+11·295	− 5	m	...
...	30·426	−23·402	− 5	m	...
...	30·549	− 7·853	0·70	43.2074	10·4
991					
S *	+30·691	−59·174	1·80	43.2075	9·1
...	30·713	− 1·748	− 5	m	...
...	30·954	+26·120	− 5	m	...
...	31·024	−12·835	− 4	...	..
...	31·032	−41·224	− 4	...	..
...	+31·057	−28·554	− 5	m	.
...	31·073	−44·806	− 5	m	...
...	31·266	+17·734	− 5	m	...
...	31·289	+ 1·643	− 1	..	...
...	31·520	−17·141	0·90	43.2076	10·4
1001					
...	+31·760	+15·443	− 5	m	.
...	32·079	−28·990	− 5	m	...
...	32·085	+41·803	− 5	...	..
...	32·247	+ 0·078	− 5	m	...
...	32·247	−40·312	− 5	...	...
...	+32·280	− 7·788	− 3	...	...
...	32·344	+18·399	0·85	42.1944	10·4
...	32·364	+21·458	− 5	m	..
...	32·734	+ 0·449	− 5	m	...
...	32·789	−12·546	− 5	m	...
1011					
†	+32·960	+29·787	− 5	...	..
†	33·019	+34·753	0·90	42.1945	10·4
*	33·068	−18·100	1·00	43.2078	10·4
...	33·153	− 2·525	− 5	m	...
...	33·497	+13·466	− 5	m	...
*	+33·751	− 3·920	1·00	42.1946	10·2
...	34·135	+26·802	− 3	..	...
...	34·165	+32·072	− 5	m	...
*	34·219	−14·581	1·00	43.2079	10·1
...	34·307	−12·125	− 5	m	...

1021–1080

Notes.	Co-ordinates. x	Co-ordinates. y	Diam. s	C.P.D. No.	C.P.D. Mag.
1021					
...	+34·348	−57·054	− 5	..	...
*	34·384	−19·125	1·00	43.2080	10·0
..	34·437	+23·896	− 5	...	...
	34·570	+11·998	0·80	42.1947	10·4
...	34·900	+29·899	− 5	.	.
...	+34·931	+54·399	− 4	.	.
..	35·155	−34·256	− 5	.	...
...	35·248	−26·759	− 3	.	...
...	35·286	− 4·719	− 5	.	.
...	35·428	+31·920	− 4	m	...
1031					
†	+35·537	+39·794	− 4	m	...
...	35·564	−29·737	− 5	.	...
..	35·658	−57·461	− 5	..	..
...	35·788	− 4·293	− 5	m	...
...	35·868	− 4·840	0·65	..	...
...	+35·964	−32·021	− 4	...	...
*	36·020	+58·094	1·05	41.2012	9·9
...	36·106	− 9·998	− 5	m	...
...	36·122	−10·191	− 5	m	...
...	36·195	+50·499	− 5	...	...
1041					
...	+36·205	+10·888	0·80	42.1949	10·2
...	36·236	−46·881	− 5	...	...
...	36·357	+43·618	− 5	...	...
*	36·430	−13·580	1·15	43.2081	9·4
‡	36·484	+39·801	1·20	42.1948	9·4
...	+36·543	− 5·723	− 4	a	...
*	36·745	+40·241	1·00	42.1950	10·1
...	36·813	−13·049	− 5	m	...
...	36·856	−35·276	− 5	...	...
...	36·866	−37·343	− 5	m	..
1051					
...	+36·948	+13·318	0·80	42.1951	10·4
*	36·996	−46·532	1·00	43.2082	10·4
...	37·078	−57·309	− 5	.	.
...	37·098	+43·704	− 5	..	...
...	37·626	−17·692	− 5	m	...
.	+37·761	−49·139	− 5		...
...	37·800	+41·572	− 3	.	
...	37·857	+37·214	− 5	m	
...	38·033	−25·489	− 5	m	...
...	38·108	+28·030	− 5	m	...
1061					
..	+38·246	+58·181	− 5	...	...
*	38·289	−29·263	1·00	43.2084	10·4
...	38·357	−20·670	− 5	m	...
	38·431	+19·221	− 5	m	
...	38·459	+22·650	− 5	m	...
...	+38·483	−24·840	− 5	...	.
...	38·504	−14·378	− 4	m	...
*	38·536	−15·627	1·40	43.2085	9·1
..	38·780	−21·608	− 4	...	...
...	38·791	−19·391	− 5	...	...
1071					
*	+39·008	− 7·806	1·10	43.2086	9·8
...	39·064	−14·320	− 4	...	...
...	39·073	−15·991	0·80	43.2087	10·4
*	39·145	−10·169	1·10	43.2088	9·8
*	39·172	+14·185	1·05	42.1953	9·7
...	+39·182	+11·783	− 5	m	...
*	39·228	+37·318	1·15	42.1952	9·4
..	39·328	− 7·047	− 3	...	...
...	39·541	+38·319	− 5	..	...
	39·581	+14·447	− 1	42.1954	10·4

1081–1140

Notes.	Co-ordinates. x	Co-ordinates. y	Diam. s	C.P.D. No.	C.P.D. Mag.
1081					
*	+39·606	−17·526	1·00	43.2089	10·4
...	39·619	+44·659	− 5	...	...
...	39·756	− 7·169	− 5	m	...
‡	39·941	+39·738	1·10	42.1955	9·6
...	40·088	− 0·854	− 5	m	...
.	+40·106	−44·724	0·80	...	...
...	40·144	−59·789	− 2	.	...
.	40·253	+19·265	0·70	...	...
..	40·389	−10·904	− 5	m	..
...	40·467	+22·159	− 5		..
1091					
...	+40·635	−14·542	− 4	..	...
...	40·639	+27·827	0·70	42.1956	10·4
...	40·692	−39·430	0·75	43.2091	10·4
...	40·758	−45·696	− 5	m	...
N *	40·830	+30·326	2·70	42.1957	7·8
...	+40·947	− 9·568	0·80	43.2090	10·4
...	40·949	+ 8·933	− 5	m	...
...	40·955	−21·858	0·80	...	...
...	40·965	−35·401	− 5	..	...
...	41·084	+28·330	− 5	...	...
1101					
...	+41·088	+39·287	− 5	..	...
...	41·111	−22·885	0·90	...	..
...	41·170	+11·638	− 5	m	...
...	41·209	+57·786	0·85	41.2024	10·2
...	41·310	+12·275	− 3	...	...
...	+41·397	−21·781	− 5	m	...
...	41·432	+38·949	− 5	...	...
*	41·470	−31·912	1·10	43.2092	9·9
...	41·541	+16·101	− 4	m	...
...	41·545	−15·557	− 5	m	...
1111					
...	+41·582	+25·399	− 5	...	...
..	41·725	−32·116	− 4	...	...
	41·837	−39·536	− 5	m	...
*	41·890	+ 1·895	1·00	42.1958	9·9
*	42·050	−49·425	1·10	43.2094	9·9
...	+42·230	− 9·166	0·65	...	...
*	42·340	−11·893	1·10	43.2093	9·9
...	42·608	+ 4·533	− 5	m	...
...	42·653	−54·655	0·90	43.2095	10·2
...	42·701	+40·076	− 5	..	..
1121					
...	+42·733	−39·606	0·80		...
...	42·758	−24·571	0·75	..	..
...	42·824	−14·006	− 5	m	...
	42·869	−15·182	0·85	.	...
...	42·897	−43·582	− 5	..	...
...	+42·918	+11·711	− 5	...	...
...	42·920	−46·372	0·75	...	...
*	43·296	−23·687	1·30	43.2096	9·2
*	43·445	+25·136	1·20	42.1959	9·4
...	43·544	+25·661	− 5	...	...
1131					
...	+43·559	−35·120	− 2	...	...
*	43·685	+ 0·790	1·20	42.1961	9·2
*	43·776	−11·758	1·10	43.2097	9·9
	43·861	−29·961	1·00	43.2098	10·0
...	43·969	+56·226	0·70	41.2030	10·4
.	+43·990	+ 6·156	− 2	...	...
*	44·188	−59·429	1·10	43.2100	10·1
*	44·271	−41·534	1·05	43.2099	10·1
S *	44·347	+45·901	1·90	42.1960	8·8
*	44·404	− 0·212	1·10	42.1963	9·6

1095. 42°·49. two stars.

Notes.	Co-ordinates. x.	y.	Diam. s.	C.P.D. No.	Mag.
1141–1190					
1141			°		
...	+44·429	−17·516	−5	*m*	...
.	44·579	+29·499	0·80	42.1962	10·4
	44·587	−18·000	0·7	...	...
...	44·622	+20·808	−5	*m*	..
*	45·012	+34·005	1·00	42.1964	9·8
*	+45·192	− 4·069	1·25	42.1966	9·2
...	45·241	−53·755	−3	...	...
...	45·302	+17·460	−5	..	...
...	45·336	+31·616	−5	*m*	...
*	45·340	+31·176	1·00	42.1965	9·9
1151					
...	+45·853	−57·907	−4	...	...
*	45·880	+21·574	1·00	42.1967	10·0
...	45·911	−32·035	−4	...	..
...	45·926	+40·734	−4	...	...
...	46·004	+ 5·454	−5	*m*	...
...	+46·098	−51·722	−5	...	...
...	46·131	+31·553	0·65	42.1968	10·2
...	46·163	+22·719	−5	...	...
...	46·253	−54·238	−4	...	..
..	46·266	−54·776	−3	...	..
1161					
*	+46·366	+17·684	1·10	42.1969	9·2
	46·454	−47·293	1·10	43.2101	10·0
.	46·542	+ 5·098	−5	*m*	...
..	46·683	+ 0·005	−5	*m*	...
...	46·702	−36·962	−5	*m*	...
...	+46·774	+33·247	−3	...	...
	47·084	+56·803	1·30	41.2039	9·0
..	47·186	+12·844	−2	42.1970	10·4
.	47·277	−51·808	−5	...	...
...	47·418	− 9·827	−4	...	...
1171					
...	+47·440	−59·613	−4	...	...
*	47·516	−14·718	1·00	43.2102	10·2
...	47·656	+53·848	−5	..	...
..	47·817	−42·847	−5	...	...
...	48·078	+36·382	−5	...	..
...	+48·148	− 8·500	−4	...	...
*	48·249	+ 2·432	1·00	42.1971	9·8
.	48·585	−20·381	1·00	43.2103	10·2
.	48·602	+ 5·273	−5	*m*	...
...	48·607	− 7·494	−5	*m*	...
1181					
...	+48·739	−28·739	−3	...	...
...	48·761	+22·456	−1	42.1972	10·4
...	49·150	+ 7·644	0·65	42.1973	10·4
*	49·201	− 0·591	1·25	42.1975	9·0
...	49·386	+11·171	−3	42.1974	10·4
.	+49·395	−23·699	1·20	43.2104	9·6
...	49·721	− 4·784	−1	43.2105	10·4
	49·728	+15·551	1·20	42.1979	9·2
...	49·966	−39·536	−4	...	...
...	50·032	−41·921	−4	...	...

Notes.	Co-ordinates. x.	y.	Diam. s.	C.P.D. No.	Mag.
1191–1240					
1191					
*	+50·198	+23·182	1·00	42.1980	9·9
...	50·219	−38·237	−4	...	...
...	50·236	+50·043	−5	42.1976	10·4
..	50·249	+52·824	−4	42.1977	10·4
...	50·278	+38·914	−2	42.1978	10·4
...	+50·371	−48·224	−5	...	...
...	50·386	−[illegible]·850	−4	...	...
...	50·425	+27·241	−4	...	...
...	50·623	−11·808	−3	...	...
*	50·727	− 2·920	1·00	42.1981	9·6
1201					
...	+50·746	+44·048	−4	...	...
...	50·880	−49·608	−5	...	...
*	50·946	−59·282	1·50	43.2107	9·4
*	51·050	+11·191	1·00	42.1982	10·1
..	51·338	−49·610	−5	...	...
*	+51·360	+ 1·851	1·00	42.1985	9·7
...	51·433	+48·172	−5	...	...
...	51·550	+ 8·684	−2	...	...
...	51·623	+21·408	−3	42.1984	10·4
*	51·629	−11·055	1·00	43.2106	9·9
1211					
...	+51·676	+35·062	−2	42.1983	10·2
...	51·735	− 6·764	−5	*m*	...
...	51·808	−33·914	−5	...	...
...	51·884	+23·984	−4	...	...
*	52·162	+28·264	1·00	42.1987	10·0
*	+52·269	−25·825	1·00	43.2109	9·9
...	52·301	+32·293	−3	42.1986	10·4
..	52·547	+39·883	−5	...	...
...	52·693	+33·126	−5	...	...
...	52·874	+26·205	−4	...	...
1221					
...	+53·005	−36·745	0·70	43.2112	10·4
N * [	53·006	− 3·398	1·85	42.1989	8·8
...	53·155	− 3·426	−5	*m*	...
...	53·173	−36·152	−3	43.2114	10·4
...	53·211	−16·411	−5	...	...
*	+53·330	−10·871	1·00	43.2110	10·4
*	53·399	+21·954	1·00	42.1988	9·8
.	53·749	+15·276	−4	42.1990	10·4
.	53·840	−27·565	−5	...	...
...	54·057	+20·244	−5	...	..
1231					
S *	+54·213	−12·485	1·90	43.2115	8·4
.	54·515	+44·338	−5	42.1991	10·4
..	54·579	− 6·200	−5	*m*	..
...	54·590	−29·385	−5	...	...
*	54·621	+16·019	1·10	42.1993	9·4
.	+54·650	−37·088	−5	...	..
*	54·848	−30·131	−3	43.2116	10·2
	54·856	+27·714	1·00	42.1992	9·8
*	54·882	−16·873	−3	...	.
...	54·931	−31·207	−5	...	.

Notes.	Co-ordinates. x.	y.	Diam. s.	C.P.D. No.	Mag.
1241–1277					
1241					
*	+55·197	+ 6·392	1·00	42.1994	9·8
*	55·370	−44·728	1·20	43.2118	9·7
.	55·479	− 3·582	−4	...	...
*	55·651	−13·890	1·00	43.2117	10·2
...	55·782	−51·279	−5	...	...
...	+55·838	− 1·133	0·90	42.1995	10·4
...	55·953	−37·461	−5	..	...
...	56·048	−58·191	−5	...	...
...	56·287	− 2·863	−4	...	...
...	56·403	−36·506	0·90	43.2119	10·2
1251					
...	+56·613	+18·266	0·75	42.1996	10·2
*	56·649	−53·603	2·30	43.2122	8·4
...	56·694	+24·963	−5	...	...
...	56·702	−45·897	0·90	43.2121	10·2
S *	56·822	+19·601	2·90	42.1997	7·9
†	+57·022	−15·026	−4	43.2120	10·4
...	57·072	− 4·777	−5	...	...
...	57·186	−39·233	−5	...	...
...	57·433	−22·837	−3	...	...
...	57·834	−54·473	−5	...	...
1261					
...	+58·031	− 3·091	−5	...	...
..	58·177	−18·430	−5	...	...
*	58·196	−18·866	1·15	43.2123	9·7
...	58·269	+ 0·630	−5	...	.
...	58·353	+33·614	−5	...	...
...	+58·647	+46·349	−5	...	..
...	58·686	+33·461	−5	...	...
...	58·706	− 1·920	−5	*e*	...
...	58·912	+46·431	−5	...	...
...	58·999	+23·188	−4	42.1998	10·4
1271					
...	+59·196	−15·272	0·65	43.2124	10·4
...	59·235	−39·257	0·65	43.2125	10·4
...	59·238	+44·101	−5	...	...
...	59·282	+ 5·520	−3	42.2001	10·4
...	59·332	−34·450	−5	...	...
...	+59·396	− 4·085	0·80	42.2002	10·2
†	59·761	−12·694	−4	...	...

1222. Mass. 43·49. two stars. 44·44. Bass.

1–60

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
1					
...	−59·108	− 7·978	− 3	...	...
†	59·091	+34·961	0·70	42.1983	10·2
*	59·017	+11·077	1·00	42.1982	10·1
*	58·919	− 3·032	1·15	42.1981	9·6
...	58·763	−11·910	− 3	...	...
...	−58·742	+21·310	− 1	42.1984	10·4
...	58·584	−39·651	− 2	...	...
..	58·558	+23·897	− 3	...	...
...	58·445	−42·033	− 3	...	...
...	58·444	+ 8·590	0·70	...	...
11					
*	−58·420	+ 1·759	1·20	42.1985	9·7
*	58·405	+28·188	1·10	42.1987	10·0
...	58·395	+32·214	− 1	42.1986	10·4
...	58·382	+39·808	− 3	...	...
...	58·372	−38·352	− 2	...	...
...	−58·017	+33·052	− 2	...	...
...	57·946	−48·329	− 3	...	...
*	57·776	−11·135	1·00	43.2106	9·9
...	57·629	+26·146	− 2	...	...
...	57·079	+48·432	− 3	...	...
21					
*	−57·015	−59·366	2·00	43.2107	9·4
*	56·982	+21·915	1·10	42.1988	9·8
...	56·927	−49·682	− 3	...	...
...	56·904	−33·983	− 3	...	...
*	56·689	−25·892	1·10	43.2109	9·9
N *	−56·638	− 3·429	1·10	42.1989	8·8
N *	56·581	− 3·456	1·10		
...	56·537	+44·322	− 2	42.1991	10·4
...	56·426	+15·244	0·65	42.1990	10·4
...	56·261	+20·220	− 3	...	...
31					
...	−56·077	−10·907	0·80	43.2110	10·4
...	56·033	−16·442	− 3	...	...
*	55·714	+27·713	1·00	42.1992	9·8
...	55·634	−36·776	0·80	43.2112	10·4
*	55·583	+16·015	1·20	42.1993	9·4
...	−55·476	−36·165	− 1	43.2114	10·4
S *	55·143	−12·491	2·30	43.2115	8·4
...	55·075	−27·576	− 3	...	...
*	54·734	+ 6·405	1·05	42.1994	9·8
†	54·334	−16·849	− 1	...	...
41					
...	−54·139	− 3·562	− 3	...	...
...	53·988	−30·107	0·85	43.2116	10·2
...	53·877	−31·183	− 3	...	...
*	53·857	− 1·097	1·00	42.1995	10·4
†	53·760	+25·027	− 3	...	...
*	−53·679	−13·854	1·00	43.2117	10·2
...	53·665	+18·316	0·90	42.1996	10·2
S *	53·463	+19·656	3·28	42.1997	7·9
...	53·355	− 2·809	− 3	...	...
*	53·016	−44·686	1·35	43.2118	9·7
51					
...	−52·663	−37·406	− 2	...	...
...	52·509	− 4·696	− 3	...	...
...	52·475	+46·444	− 3	...	...
...	52·434	−51·220	− 3	...	...
...	52·374	+33·718	− 3	...	...
†	−52·257	−14·951	0·70	43.2120	10·4
*	52·242	−36·438	1·00	43.2119	10·2
...	52·205	+46·549	− 2	...	...
...	52·051	+33·566	− 3	...	...
...	51·950	−58·105	− 3	...	...

61–120

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
61					
...	−51·789	+44·215	− 3	...	...
*	51·681	−45·819	1·00	43.2121	10·2
...	51·624	−22·748	0·65	...	...
...	51·593	− 2·986	− 3	...	...
...	51·490	+ 0·736	− 3	...	...
*	−51·477	−53·53[illegible]	3·00	43.2122	8·4
...	51·422	+23·302	0·70	42.1998	10·4
*	51·387	+53·995	1·20	42.2000	9·8
...	51·380	−39·138	− 3	...	...
...	51·379	+54·631	− 1	42.1999	10·0
71					
...	−50·974	− 1·807	− 3	E	...
*	50·960	−18·753	1·25	43.2123	9·7
...	50·602	+ 5·656	− 1	42.2001	10·4
...	50·511	+32·025	− 1	...	...
...	50·415	+48·444	− 1	42.2004	10·2
...	−50·298	−54·344	− 3	...	...
...	50·277	+18·207	0·65	42.2003	10·4
*	50·205	− 3·948	1·00	42.2002	10·2
...	50·069	−15·128	0·70	43.2124	10·4
...	49·924	+11·081	− 3	...	...
81					
...	−49·777	+40·069	− 3	...	...
...	49·585	−12·541	− 2	...	...
*	49·529	+11·561	1·40	42.2005	9·2
†	49·466	+ 9·757	− 2	42.2006	10·4
†	49·325	−39·087	0·90	43.2125	10·4
...	−49·295	+ 2·175	− 3	...	...
...	48·667	+ 2·929	− 3	...	...
*	48·663	+51·948	1·20	42.2007	9·6
*	48·633	− 9·795	1·20	43.2126	9·7
*	48·590	− 8·648	1·00	43.2127	10·2
91					
...	−48·544	+21·528	− 3	...	...
...	48·505	−38·934	0·85	...	...
*	48·296	+19·755	1·20	42.2008	9·6
*	48·165	+16·153	1·30	42.2011	9·2
*	48·163	+14·836	1·10	42.2009	9·9
...	−48·133	−52·267	− 3	...	...
...	48·126	+12·785	− 1	42.2010	10·4
...	47·938	−33·386	0·65	...	...
*	47·830	+26·808	1·00	42.2012	9·9
*	47·738	−18·824	1·30	43.2129	9·3
101					
..	−47·733	+12·905	− 3	...	...
...	47·673	− 4·652	− 2	...	...
...	47·407	−50·131	0·95	43.2130	10·2
...	47·299	− 0·790	− 1	...	...
...	47·282	− 1·248	− 3	M	...
*	−47·159	−28·446	1·20	43.2131	10·0
...	47·092	−26·550	− 3	...	...
...	46·773	−39·381	− 3	...	...
...	46·615	+25·420	− 3	...	...
...	46·615	+10·113	− 1	...	...
111					
*	−46·604	− 8·267	1·00	43.2132	10·1
*	46·589	−10·224	1·10	43.2133	9·8
*	46·503	+19·270	1·20	42.2013	9·4
*	46·457	+57·898	2·50	41.2064	8·6
*	46·406	−10·591	1·20	43.2134	9·7
*	−46·005	−40·794	1·10	43.2135	10·1
...	45·755	−13·927	− 3	A	...
*	45·732	− 8·139	1·00	43.2137	10·2
*	45·625	+26·131	1·20	42.2014	9·6
...	45·554	−23·786	0·90	43.2136	10·2

121–180

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
121					
...	−45·379	+22·366	− 3	...	...
*	45·267	+36·055	1·00	42.2015	8·8
*	45·233	+36·009	1·00		
...	45·106	+17·633	− 3	...	...
*	45·060	−10·530	1·10	43.2138	9·8
...	−44·957	+59·326	− 3	...	...
...	44·761	+42·232	2·70	42.2016	10·2
...	44·686	+42·023	− 3		
†	44·347	+18·046	1·60	42.2017	9·2
*	44·266	−41·397	1·00	43.2139	10·4
131					
..	−44·080	+34·714	− 3	A	...
...	44·040	−10·579	− 2	...	...
...	43·855	−43·088	− 3	...	...
...	43·660	+28·849	0·80	...	...
...	43·627	+38·736	− 3	...	...
...	−43·268	+19·826	0·65	...	...
*	43·070	− 8·215	1·20	43.2141	10·0
*	42·940	−29·430	1·15	43.2140	10·2
...	42·833	−33·295	− 3	...	...
*	42·761	− 0·251	1·15	42.2018	10·2
141					
...	−42·718	− 6·399	− 2	...	...
...	42·694	−26·764	− 2	...	...
S *	42·672	+31·280	3·20	42.2019	7·8
...	42·560	−21·949	0·70	...	...
*	42·495	+45·843	1·20	42.2020	9·8
†	−42·463	− 9·888	− 1	...	...
*	42·373	+34·198	1·10	42.2021	9·9
...	42·262	−59·207	− 3	...	...
*	42·196	−39·581	1·00	43.2144	10·4
...	42·185	+45·046	− 3	...	...
151					
*	−42·175	+27·572	1·20	42.2022	10·0
.	42·148	+ 0·512	− 2	A	...
*	42·028	−57·421	3·00	43.2143	8·2
*	42·010	−35·751	1·35	43.2146	9·2
*	41·943	−37·130	1·20	43.2145	10·1
..	−41·919	+53·018	− 2	...	...
...	41·895	−45·798	− 3	...	...
...	41·718	− 4·723	− 3	M	...
*	41·627	−14·065	1·20	43.2148	9·7
...	41·496	−11·293	− 3	...	...
161					
*	−41·469	−41·265	2·00	43.2147	8·8
...	41·432	−21·319	− 3	B	...
...	41·344	−31·771	− 3	...	...
...	41·287	−20·339	− 1	...	...
...	41·168	+13·464	− 1	...	...
*	−41·050	+36·508	1·00	42.2023	10·4
...	41·041	+ 4·064	− 2	\	...
*	40·965	+ 7·050	1·00	42.2024	10·4
...	40·726	−54·454	− 3	...	...
...	40·611	−35·607	− 2	...	...
171					
...	−40·560	−34·245	− 3	...	...
..	40·554	+42·836	− 3	A	...
*	40·505	−22·066	1·20	43.2149	10·0
...	40·365	−13·423	− 3	...	...
...	40·275	+57·750	− 3	...	...
...	−40·164	− 4·468	− 2	...	...
...	40·154	− 2·195	0·75	42.2025	10·4
†	40·134	+49·867	− 3	...	...
...	40·117	+56·683	0·90	41.2078	10·2
...	39·999	+ 4·337	− 3	M	...

B measured from 1, 295, 642, 946.
CH ,, ,, 129, 469, 792, 1085.

26, 27, 43°·48, 44°·49, mass.

181–240

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′.	′.	″.	No.	Mag.
181					
*	−39·873	−14·777	1·00	43.2151	10·2
..	39·846	+45·636	− 2	...	...
	39·837	−34·784	1·60	43.2150	9·2
..	39·781	+22·437	− 3	M	..
...	39·645	−28·739	− 3	A	...
...	−39·539	−14·180	− 3	...	...
...	39·526	+58·086	− 3	41.2082	10·4
...	39·304	−40·691	− 3	M	...
...	38·924	−25·157	− 3	M	...
...	38·867	−45·456	0·70	...	...
191					
...	−38·565	+53·383	− 1	42.2027	10·4
...	38·500	− 6·099	0·85	...	...
...	38·454	−35·404	0·65	...	...
*	38·448	+37·939	1·20	42.2026	9·8
...	38·160	− 4·782	0·65	...	...
...	−37·870	+21·402	− 2	...	...
*	37·837	−10·051	1·00	43.2152	10·4
...	37·710	− 1·494	− 3	M	...
...	37·660	+11·570	− 3	M	...
...	37·622	−27·522	− 2	..	...
201					
*	−37·618	+52·725	1·35	42.2028	9·4
..	37·595	+ 6·439	− 3	M	...
.	37·550	− 4·888	− 2	A	...
*	37·310	+36·018	2·00	42.2030	8·8
*	37·285	+40·236	1·05	42.2029	10·2
*	−37·222	+36·556	1·00	42.2031	10·2
...	37·185	+10·696	− 1	...	...
...	37·075	− 7·333	− 3	M	...
*	37·046	+33·597	1·40	42.2032	9·4
*	36·966	−45·646	1·10	43.2153	10·4
211					
...	−36·836	−11·108	− 3	...	...
..	36·730	+ 9·285	0·70	...	...
*	36·719	−22·587	1·00	...	...
*	36·714	+23·420	1·10	42.2033	9·9
...	36·636	−28·729	− 3	M	...
...	−36·619	−25·780	− 3	...	...
*	36·509	+33·693	1·25	42.2034	9·6
...	36·445	+13·887	− 2	A	...
...	36·315	+51·977	− 1	42.2035	10·4
.	36·025	−26·753	− 1	...	...
221					
...	−35·975	− 9·538	0·90	43.2154	10·4
...	35·851	+32·063	− 3	M	..
†	35·766	+49·977	− 3	...	...
...	35·515	+13·793	0·70	42.2036	10·4
†	35·488	−54·825	− 3	...	
...	−35·393	+11·359	− 3	M	.
...	35·315	+42·116	− 3		..
..	35·250	− 7·914	− 1	...	.
...	35·192	−30·157	− 3	.	..
...	35·160	−44·618	− 2	..	...
231					
...	−34·839	+31·968	− 3	M	..
*	34·777	+57·301	1·40	41.2091	9·8
	34·678	+15·013	1·00	42.2037	10·0
†	34·376	+17·219	0·70	...	...
	34·323	+10·540	− 3	M	...
*	−34·115	− 9·534	1·00	43.2155	10·4
...	34·085	+10·854	− 3	M	...
..	34·041	+55·662	− 3	...	...
..	33·912	−37·263	− 3	M	...
..	33·797	+ 6·435	− 3	M	.

241–300

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′.	′.	″.	No.	Mag.
241					
...	−33·589	−23·309	0·80	43.2156	10·4
S *	33·535	+48·264	1·20	42.2038	9·6
*	33·336	+ 2·163	1·40	42.2039	9·4
*	33·329	+22·259	1·00	42.2040	10·2
S *	33·150	+ 7·813	1·58	42.2041	9·2
*	−33·095	+56·755	1·30	41.2099	9·8
*	33·023	−31·163	1·20	43.2157	10·4
...	32·929	+29·261	0·75	...	...
...	32·854	+ 3·594	− 3	M	...
...	32·787	−54·273	0·90	43.2158	10·2
251					
*	−32·724	+19·493	1·20	42.2042	9·8
...	32·691	−11·632	0·70	43.2160	10·4
*	32·667	−35·085	1·15	43.2159	10·2
...	32·596	−37·809	− 2	...	...
*	32·568	+46·742	1·05	42.2043	10·2
*	−32·517	−11·035	1·00	43.2162	10·4
...	32·425	− 7·935	− 3	M	...
*	32·418	+44·162	2·80	42.2044	8·2
*	32·352	+47·147	1·15	42.2045	10·0
...	32·256	−30·765	− 2	...	...
261					
*	−32·251	+ 3·784	1·20	42.2046	9·6
*	32·239	+45·179	1·00	...	...
...	32·139	+57·398	− 3	...	...
...	32·077	+ 1·097	− 3	M	...
...	32·030	−10·301	− 3	M	...
...	−32·016	+36·092	− 3	...	...
*	31·756	+28·916	1·00	42.2047	10·2
S *	31·682	−56·464	2·80	43.2163	8·0
...	31·591	+ 3·284	− 3	M	...
...	31·575	−43·563	0·70	...	...
271					
*	−31·504	−45·859	1·10	43.2164	10·2
*	31·364	+52·686	1·00	42.2048	10·4
..	31·338	+ 3·623	− 3	M	...
...	31·243	−40·454	− 3	A	...
..	31·241	+58·236	− 3	...	...
..	−31·208	− 7·804	− 1	...	..
..	31·207	−17·251	0·70	43.2165	10·4
...	30·903	+29·619	− 3	...	...
...	30·812	−20·350	− 3	M	...
...	30·737	−38·388	0·65	...	.
281					
*	−30·725	+50·167	2·00	42.2049	9·2
...	30·713	−40·115	− 3	...	...
	30·705	−41·053	1·20	43.2166	10·2
..	30·654	−12·611	0·7	...	
...	30·554	−12·845	− 3	M	...
.	−30·542	− 7·200	− 3	M	...
*	30·493	+ 9·454	1·4	42.2050	9·4
	30·298	+40·976	− 3	...	..
.	30·281	+ 3·964	− 3	M	...
†	30·238	+29·948	− 3	M	...
291					
..	−30·009	−11·678	− 3	M	.
*	29·914	−11·866	2·10	43.2167	9·1
...	29·682	+47·585	− 3	...	...
†	29·467	−18·887	− 1	...	.
	29·254	− 6·964	− 3		..
*	−29·178	−13·045	1·00	43.2169	10·2
*	29·151	−53·524	1·60	43.2168	9·2
...	28·983	+25·484	− 2	...	...
.	28·854	−37·669	− 3	A	.
...	28·784	+19·411	− 2	...	...

301–360

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′.	′.	″.	No.	Mag.
301					
...	−28·733	−26·846	− 3	M	...
..	28·704	− 2·875	− 3	M	...
*	28·437	−49·491	1·35	43.2170	9·7
...	28·386	−58·599	− 1	...	...
*	28·361	+51·111	1·35	42.2051	9·6
...	−27·964	−16·504	− 1	...	...
..	27·957	−42·969	− 3		.
...	27·673	+52·339	− 3	...	...
...	27·488	+30·379	0·90	42.2052	10·1
*	27·405	+43·923	1·05	42.2053	9·8
311					
*	−27·403	+10·413	1·00	42.2054	9·9
...	27·393	+53·758	− 3	...	...
*	27·123	−43·577	1·00	43.2171	10·2
...	27·048	+20·913	− 3	...	...
*	26·951	+ 1·084	1·10	42.2055	9·7
...	−26·934	+45·209	− 1	42.2056	10·4
*	26·832	−43·382	1·35	43.2172	9·6
..	26·623	+12·189	− 3	M	...
*	26·517	− 2·668	1·40	42.2057	9·4
...	26·323	−40·590	− 2	...	...
321					
...	−26·239	+57·000	0·65	41.2116	10·4
...	26·035	−43·737	− 3	...	...
...	25·908	−55·147	− 3	...	...
...	25·890	−13·577	− 3	M	...
...	25·853	−31·322	− 1	...	.
...	−25·805	−43·241	− 1	...	...
...	25·779	− 4·606	− 1	43.2174	10·4
...	25·646	−17·879	− 3	M	...
*	25·635	− 5·941	1·20	43.2175	9·8
...	25·570	−44·444	− 3	...	...
331					
...	−25·536	+ 4·061	− 3	...	..
..	25·481	−29·501	− 3	M	...
*	25·470	−38·195	1·15	43.2173	9·8
...	25·335	+28·317	− 3	M	...
...	25·283	−47·120	− 1	...	...
...	−25·084	−38·102	− 3	A	...
...	24·997	+13·038	− 2	42.2058	10·4
...	24·973	−45·039	0·80	43.2176	10·4
..	24·680	+27·334	− 2	...	...
*	24·571	−28·194	2·00	43.2177	8·9
341					
†	−24·542	−44·758	− 3	...	...
†	24·389	−38·284	− 3	A	...
...	24·283	+33·896	− 2	...	...
...	24·277	+41·696	− 3	...	.
...	23·997	−10·331	− 3	M	.
...	−23·994	−51·805	− 3	...	...
..	23·985	+10·471	− 3	M	...
..	23·970	−34·280	− 3	...	...
...	23·946	+14·226	− 1		...
...	23·935	−13·285	− 3		...
351					
...	−23·644	−35·109	− 3	A	...
..	23·403	−22·696	− 3	M	...
*	23·362	+32·642	1·30	42.2059	9·4
*	22·987	+34·606	1·00	42.2060	10·1
	22·953	−38·682	− 3	B	...
.	−22·855	−13·249	− 1	...	...
..	22·800	+58·136	− 2	41.2121	10·4
...	22·642	− 6·984	− 3	M	..
*	22·617	+15·857	1·00	42.2061	9·9
..	22·437	−23·874	− 1	43.2178	10·4

361 420

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
361					
*	−22·390	−35·989	1·60	43.2180	9·0
...	22·378	−51·718	0·65	43.2179	10·4
...	22·278	−14·411	− 2	...	...
*	22·268	+11·85[illegible]	1·[illegible]	42.2062	9·9
...	22·189	+14·561	− 2	...	.
...	−22·079	+39·261	− 3	M	
...	22·070	−56·332	− 3	...	
...	21·983	− 8·223	− 3	M	...
...	21·912	+42·946	− 3	M	...
*	21·902	+48·639	1·05	42.2063	9·8
371					
...	−21·769	−32·308	− 1	43.2181	10·4
...	21·703	−22·691	− 3	...	...
...	21·628	−31·876	0·80	43.2182	10·4
...	21·598	−19·654	0·90	43.2183	10·4
...	21·498	+41·572	− 2	...	...
...	−21·205	− 3·245	0·70	...	...
...	21·204	−18·134	− 3	M	...
...	21·162	−26·897	− 2	...	...
...	21·150	−17·934	− 2	...	...
...	21·147	−50·100	− 1	...	...
381					
...	−21·080	−43·654	− 3	...	...
...	21·013	+40·737	− 3	...	...
†	21·001	+49·967	− 3	...	...
*	20·951	+35·247	1·00	42.2064	9·8
...	20·943	+14·646	− 3	M	...
...	−20·932	− 9·653	0·85	...	...
...	20·838	+ 4·493	− 3	M	...
...	20·815	+14·773	− 3	M	...
*	20·714	− 7·322	1·00	43.2184	10·4
...	20·669	+41·348	− 1	...	...
391					
*	−20·500	+20·319	1·30	42.2065	9·4
...	20·338	−26·629	− 3	...	...
...	20·195	−46·352	0·90	43.2185	10·4
*	20·073	+19·533	1·00	42.2066	10·2
*	20·058	−11·177	1·00	43.2186	10·2
...	−20·056	+ 7·412	− 3	M	...
...	20·026	−58·972	− 3	...	...
...	19·764	−52·219	0·95	43.2187	10·2
*	19·678	+27·170	1·20	42.2067	9·4
*	19·633	+25·431	1·80	42.2068	9·0
401					
†	−19·533	+20·423	0·90	42.2069	9·9
†	19·449	+20·933	− 2	...	...
‡	19·380	+35·266	1·70	42.2070	9·2
..	19·337	+41·091	− 1	...	.
...	19·323	−24·549	− 2	...	.
...	−19·266	−13·069	− 2	...	...
*	19·237	−47·262	1·20	43.2188	9·9
...	19·158	+ 6·354	− 3	M	...
...	19·113	−18·500	0·85	43.2189	10·4
...	19·110	+21·809	− 1	42.2071	10·4
411					
...	−19·082	−43·849	− 2	. .	..
...	18·996	+52·541	− 3	.	...
...	18·908	+32·605	− 2	...	...
...	18·797	+ 2·340	− 3	...	...
...	18·767	−58·386	− 3	...	...
...	−18·763	−13·144	0·90	43.2190	10·2
...	18·751	− 4·607	− 3	M	...
...	18·603	−57·481	− 2	...	...
...	18·535	+ 7·794	− 3	...	
*	18·533	−14·993	1·20	43.2192	9·7

421-480

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
421					
	−18·425	−15·683	− 3	...	...
..	18·363	+31·497	− 3	M	...
	18·342	−14·575	− 3	...	
*	18·339	−18·691	2·65	43.2191	8·3
*	18·273	− 7·972	1·65	43.2193	9·2
.	−18·266	+40·340	− 3	...	..
...	18·152	+38·879	− 2	...	...
...	18·072	−38·218	− 2	...	...
...	17·994	+22·471	− 2		...
*	17·923	−52·090	1·45	43.2194	9·3
431					
...	−17·853	− 1·124	− 2	...	...
...	17·803	+39·390	− 3	M	...
..	17·770	−52·728	0·90	43.2195	10·2
..	17·766	+ 4·493	− 2	...	...
...	17·672	−52·636	− 3	...	...
*	−17·639	+19·433	1·25	42.2072	9·4
...	17·294	−44·626	− 2	...	...
*	17·288	+ 9·138	1·30	42.2073	9·4
...	17·254	+13·142	− 3	...	...
*	17·207	−31·252	2·80	43.2196	8·1
441					
...	−17·169	−13·894	0·65	...	...
...	17·133	+31·114	− 2	...	...
...	17·073	+45·345	− 3	..	...
...	16·944	+33·416	− 1	...	...
...	16·911	− 6·757	− 3	M	...
...	−16·850	−17·956	0·90	43.2197	10·4
...	16·727	+43·358	0·90	42.2074	10·4
*	16·679	− 0·689	1·00	42.2075	9·9
...	16·507	−18·301	0·75	...	...
...	16·363	−26·749	0·80	...	...
451					
*	−16·210	−36·235	2·00	43.2198	8·6
...	16·101	− 9·127	− 3	M	...
...	16·015	−24·366	− 3	...	...
...	15·897	−36·428	− 3	...	...
*	15·809	+27·802	1·30	42.2076	9·4
...	−15·655	−54·640	− 2	...	...
...	15·629	+ 6·936	− 3	M	...
*	15·564	− 9·451	1·30	43.2200	9·6
...	15·534	−14·069	− 3	M	...
*	15·288	+28·116	1·20	42.2077	9·6
461					
*	−15·217	−36·956	1·15	43.2201	9·7
..	15·165	+ 5·501	− 3	...	..
.	15·145	+12·350	− 2	...	...
...	15·044	− 3·545	− 3	M	
...	14·927	−32·182	− 3	...	...
...	−14·904	+57·574	− 2	41.2134	10·4
...	14·639	+ 3·471	− 2	A	.
†	14·538	− 8·715	− 1		...
†	14·448	−31·767	− 3	.	...
...	14·085	−55·199	− 3	.	.
471					
...	−14·049	+ 6·332	0·70	...	...
...	13·982	+56·206	− 3		
...	13·955	−57·847	− 3		...
...	13·952	−26·970	− 2	...	...
*	13·935	+45·499	1·10	42.2078	10·4
...	−13·932	−14·326	0·70	43.2202	10·4
...	13·707	+57·318	− 3	...	...
...	13·682	−39·427	0·65	...	.
..	13·681	−15·276	− 3	M	...
*	13·639	−31·435	1·20	43.2203	10·0

481 540

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
481					
...	−13·360	−30·561	− 2	...	...
	13·311	+55·[illegible]	1·05	42.2079	10·1
	13·285	−37·328	− 3	M	. .
	13·235	+ 6·320	− 3	M	. .
..	12·935	+29·603	0·90	...	. .
.	−12·930	+30·422	− 3	..	...
...	12·898	−28·519	− 2	.	...
...	12·773	−22·673	− 1	...	...
...	12·751	−30·523	− 2	...	. .
...	12·635	+19·574	− 3	M	...
491					
*	−12·578	+48·263	1·00	42.2080	10·4
...	12·503	+12·227	− 3	M	...
*	12·479	+48·671	1·00	42.2081	10·4
...	12·468	+22·732	− 3	M	...
..	12·439	+45·260	− 1	...	...
...	−12·366	−26·893	− 3	M	...
*	12·175	− 1·447	1·15	42.2082	10·2
†	12·161	− 4·931	− 1	43.2205	10·4
...	12·068	−34·418	− 1	...	...
*	12·047	−12·625	1·20	43.2206	9·8
501					
...	−11·914	−25·134	− 3	M	...
*	11·839	−45·452	1·45	43.2207	9·6
..	11·814	−41·079	0·80	...	...
*	11·437	−27·302	1·30	43.2208	9·6
...	11·416	+30·064	− 3	...	...
F ‡	−11·172	+ 0·092	1·40	42.2083	9·4
...	11·137	−52·591	− 1	...	...
...	11·131	−23·825	− 1	...	...
*	11·121	+36·961	1·00	42.2084	10·4
*	11·051	− 5·881	1·15	43.2209	10·0
511					
*	−11·013	−48·857	1·60	43.2210	9·1
*	10·968	− 9·989	1·20	43.2211	9·9
*	10·877	+51·381	1·20	42.2085	10·2
...	10·818	+29·351	0·80	...	...
...	10·768	+30·137	− 3	...	...
*	−10·649	+41·302	1·50	42.2086	9·2
...	10·556	−41·816	0·90	...	...
...	10·431	+ 1·591	− 1	...	...
*	10·345	−16·151	1·10	43.2212	10·4
..	10·020	− 9·753	− 3	M	...
521					
...	− 9·934	−29·112	− 1	43.2213	10·4
.	9·894	+59·319	− 1	41.2145	10·4
...	9·849	−30·718	− 2	...	...
...	9·816	−27·294	0·65	...	
.	9·776	− 3·145	− 3	M	...
..	− 9·727	+26·892	0·70	...	...
...	9·702	−44·402	0·65	...	...
...	9·659	− 1·212	− 3	M	...
‡	9·567	+58·414	1·30	41.2146	9·8
*	9·371	−40·579	1·15	43.2214	10·2
531					
...	− 9·354	+18·027	− 3	M	...
...	9·348	−26·981	− 3	M	...
.	9·291	+30·480	− 3	M	...
...	9·288	−52·044	− 3	A	...
...	9·101	+26·495	0·70	...	...
...	− 9·031	−50·889	0·65	.	...
...	8·913	+46·744	− 2	..	...
*	8·866	−38·721	1·25	43.2215	9·8
...	8·811	−51·948	− 3	...	...
.	8·757	−49·640	0·65	...	...

541–600

Notes.	Co-ordinates.		Diam.	C.P.D.	
	h.	′	2.	No.	Mag.
541					
...	− 8′732	− 5′530	− 2	° B	..
...	8·690	−29·271	− 3	M	..
...	8·663	− 0·139	− 3	M	...
...	8·582	+40·663	0·65	...	...
..	8·497	+ 9·835	0·75	42.2087	10·2
...	− 8·463	−13·960	− 3	...	...
*	8·440	−56·377	1·15	43.2218	10·4
*	8·433	−39·032	1·00	43.2217	10·4
*	8·423	−30·394	1·20	43.2216	9·9
*	8·290	+37·240	1·40	42.2088	9·2
551					
...	− 8·091	+30·627	− 3	M	...
‡	8·090	−19·883	1·10	43.2219	10·2
...	8·080	−35·777	− 2	...	...
...	8·014	−31·395	− 2	...	...
..	7·710	−25·240	− 3	M	...
*	− 7·702	+11·738	1·30	42.2089	9·7
...	7·694	+51·520	− 2	...	...
...	7·629	+30·490	− 3	M	...
*	7·582	+54·295	1·35	42.2090	9·6
...	7·500	−34·092	− 2	...	..
561					
...	− 7·443	+36·936	− 3	M	...
...	7·409	+53·327	− 1	42.2091	10·4
...	7·336	+44·145	0·80	...	...
*	7·242	+ 5·736	1·45	42.2092	9·4
.	7·219	−40·438	− 1	...	...
..	− 7·117	+48·506	0·65	...	...
...	6·935	+ 1·717	0·70	...	...
..	6·856	+18·574	0·80	42.2093	10·4
‡	6·808	+19·957	1·10	42.2094	10·0
.	6·776	+52·294	− 2	...	...
571					
...	− 6·675	−26·735	− 2	...	...
...	6·661	+ 4·205	− 3	M	...
...	6·528	+46·263	− 3	...	...
...	6·492	−46·429	− 3	...	..
...	6·384	+53·676	− 1	...	...
..	− 6·360	−11·564	0·70	...	...
...	6·265	−13·286	− 3	M	...
*	6·247	− 3·056	1·30	42.2095	9·6
...	6·227	−16·429	− 3	...	...
...	5·825	−11·972	− 2	...	...
581					
...	− 5·570	+31·111	− 3	M	...
..	5·515	−11·183	− 3	M	...
.	5·414	+15·038	1·25	42.2096	9·6
*	5·385	−27·257	1·10	43.2220	10·2
*	5·361	− 7·318	1·10	43.2221	10·2
*	− 5·316	+ 1·868	1·40	42.2097	9·4
...	5·304	+19·301	− 2	A	...
...	5·069	+44·546	− 3	M	..
...	4·946	−37·742	− 2	..	...
*	4·788	+52·752	1·05	42.2098	1·2
591					
...	− 4·588	−11·491	− 3	m	.
‡	4·539	− 3·820	1·15	42.2099	10·1
...	4·151	+20·952	− 3	M m	...
...	4·044	− 3·314	0·70	42.2100	10·2
...	4·030	− 9·634	− 2	m	...
*	− 3·939	−52·158	1·10	43.2222	10·1
...	3·681	+43·972	− 2	A m	...
...	3·637	− 5·711	− 3	M m	...
...	3·608	− 2·917	− 3	M m	...
*	3·572	+49·164	1·35	42.2101	9·4

601–660

Notes.	Co-ordinates.		Diam.	C.P.D.	
	h.	′	2.	No.	Mag.
601					
...	− 3′400	−16′193	− 3	M m	...
...	3·289	+15·982	− 3	M m	...
...	3·256	−22·848	− 3	M m	...
...	3·254	−26·067	− 1	m	...
..	3·036	−35·240	− 3	...	...
...	− 3·028	−14·422	− 3	M m	...
S *	2·901	−21·292	1·85	43.2224	9·0
*	2·894	+47·992	1·10	42.2102	10·1
*	2·700	−53·224	1·15	43.2225	10·0
*	2·336	−48·401	2·10	43.2226	8·9
611					
...	− 2·178	− 7·921	− 3	M m	...
...	2·004	−21·911	− 2	...	...
...	1·994	+ 0·556	0·70	a m	...
...	1·978	− 0·034	− 3	M m	...
...	1·884	+50·435	− 3	m	...
...	− 1·873	+ 3·597	0·70	M	...
...	1·870	+36·520	− 2	A m	...
*	1·757	+35·758	1·10	42.2103	10·4
...	1·659	−47·891	− 2	...	...
...	1·559	+33·866	0·70	...	...
621					
...	− 1·359	−44·420	0·75	43.2227	10·4
...	1·339	+47·779	− 2	...	...
...	1·161	−23·013	− 1	...	...
...	1·078	− 2·821	− 2	...	...
*	0·827	−10·968	1·00	43.2228	10·4
...	− 0·814	+40·768	− 2	...	...
...	0·681	−25·099	0·80	43.2230	10·2
...	0·655	+16·027	− 3	M m	...
*	0·652	−13·220	1·30	43.2231	9·7
...	0·440	−13·286	− 1	...	...
631					
*	− 0·338	+ 9·644	1·10	42.2104	10·2
...	0·338	− 0·331	− 1	M	...
...	0·077	+55·464	− 3	M	...
*	0·055	−46·997	1·10	43.2232	10·4
...	− 0·007	+21·528	− 3	M m	...
...	+ 0·067	−33·174	− 3	..	..
...	0·141	+28·600	− 1	...	...
...	0·149	−33·477	0·90	...	..
*	0·203	−51·406	1·10	43.2233	10·2
...	0·213	+18·447	− 3	M m	...
641					
‡	+ 0·420	+45·588	1·20	42.2105	9·8
...	0·722	−50·143	− 3	...	...
...	0·935	+37·195	− 2	M	...
...	0·948	+20·100	− 3	M m	...
...	1·001	−30·505	− 1	...	..
*	+ 1·162	+44·500	1·10	42.2106	10·0
...	1·244	+40·380	0·85	42.2107	10·2
*	1·327	+20·574	1·30	42.2108	9·4
...	1·372	+51·510	− 3	M m	...
n h	1·443	+ 6·071	− 1	42.2109	10·2
651					
...	+ 1·455	−45·871	− 3	...	...
n	1·460	+ 6·242	0·70	42.2109	10·2
...	1·525	−16·176	− 3	M	...
‡	1·625	−54·713	1·10	43.2235	10·1
...	1·699	+36·745	0·65	...	.
...	+ 1·699	+15·177	− 2	M h	...
...	1·753	+24·592	− 3	M m	...
...	1·826	+17·439	− 3	M m	..
*	1·942	+33·794	1·25	42.2110	9·4
...	1·948	− 8·771	− 3	M m	...

661–720

Notes.	Co-ordinates.		Diam.	C.P.D.	
	h.	′	2.	No.	Mag.
661					
...	+ 1′949	−22′423	0·90	43.2236	10·4
...	2·177	−20·608	− 1	...	...
*	2·446	−58·144	2·10	43.2237	8·8
...	2·500	−53·430	0·80	43.2238	10·4
...	2·527	−37·952	− 3	...	...
...	+ 2·556	+51·156	0·90	42.2111	10·4
*	2·758	+18·705	1·10	42.2112	9·7
...	2·767	−28·913	0·80	43.2239	10·4
...	2·878	+29·575	− 3	M	...
...	3·136	+11·336	− 1	42.2113	10·4
671					
...	+ 3·259	+ 7·343	− 3	M m	...
...	3·263	+25·977	− 3	M m	...
...	3·294	−21·448	0·70	43.2240	10·4
*	3·448	− 3·408	1·20	42.2114	9·8
...	3·506	+ 4·449	− 1	M a	...
..	+ 3·548	+37·805	− 2	M	...
...	3·608	−56·590	− 2	...	...
...	3·760	+34·315	− 3	...	...
*	3·782	+ 9·687	1·00	42.2116	9·9
S *	3·841	+40·461	1·40	42.2115	9·4
681					
...	+ 3·898	−47·378	− 3	M	...
...	4·009	−19·613	− 3	M m	...
...	4·029	−43·779	− 1	...	...
*	4·326	−28·344	1·00	43.2242	10·2
...	4·414	+ 8·978	− 1	M a	...
‡	+ 4·487	+43·536	1·00	42.2117	10·1
*	4·509	−45·396	1·00	43.2244	10·4
...	4·528	−44·149	0·85	43.2243	10·4
...	4·603	−16·927	− 2	M	...
...	4·740	+29·625	0·65	42.2119	10·4
691					
...	+ 4·746	+30·627	0·75	42.2118	10·4
...	4·835	+10·163	− 3	m	..
...	4·985	+34·767	0·65	...	..
*	4·993	+11·327	1·00	42.2121	9·8
...	5·173	−42·319	0·70	...	...
*	+ 5·190	+27·383	1·20	42.2120	9·5
...	5·256	−18·386	− 3	m	...
..	5·305	+11·217	− 2	a	...
*	5·611	− 6·168	1·35	43.2245	9·3
...	6·018	+22·518	− 2	...	...
701					
*	+ 6·048	− 7·461	1·00	43.2246	10·2
...	6·062	+41·456	− 1	...	...
...	6·420	−17·473	− 3	...	...
*	6·487	+18·397	1·25	42.2122	9·4
...	6·548	−19·200	− 1	43.2248	10·4
...	+ 6·659	− 8·151	0·90	43.2249	10·4
...	6·992	−42·879	− 1	43.2250	10·4
‡	7·065	+30·531	2·10	42.2123	8·8
*	7·187	+ 7·482	1·30	42.2124	9·6
...	7·195	− 8·702	0·65	...	..
711					
...	+ 7·254	+30·931	− 3	...	...
...	7·437	−55·411	0·70	...	...
...	7·447	+ 3·064	− 3	m	...
.	7·530	− 6·157	− 2	...	..
*	7·566	−20·581	1·35	43.2251	9·6
..	+ 7·579	+37·227	− 2	...	...
...	7·585	+12·967	− 2	a	...
...	7·707	+24·668	− 3	...	...
.	7·780	+53·589	− 2	42.2125	10·4
*	7·890	− 4·467	1·00	43.2252	10·2

650, 652. C.P.D., probably mass.

721–780

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
721					
...	+ 7·931	−36·473	0·90	43.2253	10·2
*	7·972	−32·101	1·[illegible]	43.2254	10·[illegible]
...	8·156	+46·867	− 2	...	...
...	8·293	− 5·237	− 3	*m*	...
...	8·492	+ 8·302	− 3	*m*	..
*	+ 8·550	−45·117	1·[illegible]	43.2255	9·5
...	8·631	−51·447	− 1	...	...
...	8·845	+23·667	0·80	42.2126	10·4
...	8·852	−42·451	− 2	...	...
*	8·920	−59·647	1·30	43.2256	9·7
731					
...	+ 8·983	−28·968	− 1	...	...
...	9·233	+19·095	0·85	42.2127	10·2
...	9·350	−20·742	− 1	...	...
...	9·434	+36·135	0·70	...	...
...	9·467	− 5·127	− 3	*m*	...
*	+ 9·736	+51·868	1·10	42.2128	10·0
...	9·753	−47·915	− 2	...	...
...	9·912	−31·489	0·70	...	...
†	10·439	−47·120	− 2	...	...
...	10·832	−52·920	− 1	.	...
741					
...	+10·946	+44·566	− 3	...	...
...	11·238	−50·694	− 2	...	...
...	11·303	−20·527	0·70	...	...
...	11·331	+22·555	− 3	*m*	...
*	11·392	− 6·172	1·50	43.2257	9·4
...	+11·489	+18·107	− 2	...	...
...	11·552	+28·367	− 3	...	...
*	11·802	−16·805	1·10	43.2258	10·0
*	11·879	+ 6·815	1·10	42.2129	10·1
...	11·891	−52·263	− 2	...	...
751					
.	+11·991	−49·420	0·70	...	...
..	12·063	−31·604	− 2	...	...
...	12·123	+ 7·692	− 3	*m*	...
*	12·207	− 2·802	1·10	42.2130	9·9
...	12·207	− 7·929	− 3	...	...
...	+12·235	+ 7·865	− 3	*m*	...
...	12·328	+26·137	− 1	...	...
...	12·355	−49·449	− 1	...	...
...	12·506	−23·951	0·70	...	...
...	12·628	− 1·468	0·70	...	...
761					
...	+12·639	−47·716	− 3	...	...
...	12·645	+ 6·383	− 3	*m*	...
...	12·752	+20·167	0·80	42.2132	10·2
*	12·801	−32·588	1·30	43.2259	9·8
*	12·850	+ 1·992	1·00	42.2135	10·0
*	+12·863	+19·342	1·35	42.2133	9·4
...	12·989	−25·695	− 2	...	...
*	12·997	+30·392	1·10	42.2134	9·6
*	13·047	+42·434	1·00	42.2131	10·2
...	13·102	−22·009	− 2	*a*	...
771					
...	+13·123	+55·477	− 3	...	...
...	13·166	−33·615	− 3	..	...
...	13·232	−17·165	− 3	...	...
...	13·238	+19·543	− 3	*m*	...
...	13·309	− 5·739	0·70	43.2260	10·2
...	+13·583	−40·469	− 2	...	...
S *	13·618	+32·401	1·68	42.2136	9·0
...	13·914	+51·056	− 3	...	...
‡	14·066	−49·704	5·50	43.2262	6·5
*	14·102	− 7·897	1·00	43.2261	10·0

781–840

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
781					
	+14·259	+20·043	− 1	42.2138	10·4
*	14·433	+33·755	1·00	42.2137	10·0
...	14·436	−52·249	0·70	43.2264	10·2
..	14·445	+ 1·580	− 3	*m*	...
*	14·511	−18·140	1·00	43.2263	10·0
..	+14·600	+ 2·337	0·90	42.2139	10·0
..	14·743	+44·449	− 3	*m*	...
...	14·801	+34·392	− 2	...	...
...	14·805	−59·040	− 2	..	...
...	15·167	+12·971	− 3	*m*	...
791					
...	+15·172	−37·346	− 1	...	...
†	15·467	+24·455	− 2	...	...
...	15·557	+18·567	− 1	...	...
*	15·623	+39·226	4·40	42.2140	7·0
..	15·633	− 8·156	− 1	...	...
*	+15·786	+57·083	1·20	41.2191	10·2
...	15·946	+18·959	− 2	...	...
...	16·232	+23·196	− 2	...	...
...	16·249	−42·434	− 2	...	...
...	16·361	−34·657	− 3	...	...
801					
...	+16·456	+36·316	− 2	...	...
...	16·515	+13·648	− 3	*m*	...
...	16·703	+57·076	− 3	...	...
...	16·719	+54·778	− 2	...	...
*	16·733	−14·026	3·20	43.2265	7·7
*	+16·765	+49·495	2·40	42.2141	8·6
...	16·923	−49·913	0·90	...	...
...	16·945	+24·212	0·70	...	...
...	16·965	+43·315	− 2	...	...
...	16·992	+ 0·384	− 3	*m*	...
811					
...	+17·017	+40·861	− 1	...	...
†	17·077	+10·035	− 1	...	...
...	17·104	+57·076	− 3	...	...
*	17·132	−25·194	2·80	43.2267	8·0
...	17·183	+15·965	− 3	*m*	...
...	+17·200	−32·671	− 1	...	...
...	17·252	−22·791	− 1	...	...
...	17·327	− 9·724	0·80	...	...
...	17·331	+22·303	− 3	...	...
...	17·379	+18·768	− 3	*m*	...
821					
...	+17·404	+22·495	− 2	...	...
...	17·598	−20·637	− 3	*m*	...
*	17·608	+43·942	1·30	42.2142	9·7
...	17·629	−45·498	− 3	...	...
...	17·663	+27·134	0·65	...	...
...	+17·685	+ 2·796	− 3	*m*	...
...	17·725	−35·379	− 2	...	...
...	17·820	+ 2·438	− 1	.	...
...	17·887	−59·251	− 2	...	
...	17·955	−20·947	− 2	...	...
831					
...	+17·972	+37·069	− 1	42.2143	10·4
...	18·031	+37·089	− 2		
...	18·155	− 2·709	− 2	...	...
...	18·235	−51·151	0·80	...	...
*	18·242	−15·275	1·20	43.2268	10·2
...	+18·297	+17·699	− 2	...	...
*	18·479	+18·662	1·05	42.2144	10·1
...	18·490	− 8·820	0·70	...	...
...	18·755	+48·967	− 3	...	...
...	18·817	+37·967	− 2	42.2145	10·4

841–900

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
841					
.	+18·879	− 1·896	− 3	*m*	..
	19·065	−24·300	1·20	43.2270	9·8
	19·067	+16·589	− 2	..	...
	19·190	+37·943	1·35	42.2146	9·6
.	19·199	−25·782	− 3	*m*	...
	+19·220	+ 7·892	0·70	...	...
.	19·243	−12·252	− 3	*m*	...
...	19·368	+16·216	− 3	*m*	...
.	19·530	−33·615	1·05	43.2272	10·2
*	19·690	+53·185	1·60	42.2147	9·4
851					
*	+19·821	−32·202	1·15	43.2273	10·2
...	19·879	+56·539	− 1	41.2201	10·4
...	19·989	+ 5·618	− 3	*m*	...
...	20·190	−28·835	− 1	...	...
†	20·339	+29·832	− 3	...	..
†	+20·349	+26·282	− 3	*m*	...
..	20·663	+13·818	0·75	...	...
...	20·804	+28·563	− 1	...	...
*	20·909	−45·424	1·70	43.2274	9·2
...	20·915	−43·055	− 1	...	...
861					
*	+21·002	−54·330	1·15	43.2275	10·2
...	21·087	−42·255	0·80	...	...
...	21·170	−39·712	− 1	...	...
*	21·250	−40·856	1·25	43.2276	9·8
...	21·332	+22·087	− 1	...	...
*	+21·401	+22·428	1·00	42.2148	10·2
...	21·510	−25·489	0·70	...	...
*	21·560	+25·595	1·15	42.2150	10·1
*	21·594	+41·167	1·10	42.2149	10·4
...	21·872	+27·240	0·70	42.2151	10·4
871					
*	+21·945	−15·391	1·20	43.2277	10·0
...	22·001	+19·580	− 2	...	...
*	22·128	+37·511	1·60	42.2152	9·2
...	22·439	− 4·346	− 3	*m*	...
...	22·507	+31·247	− 2	...	...
...	+22·565	+ 5·333	− 3	*m*	...
...	22·594	+13·022	0·80	42.2153	10·4
...	22·705	− 8·686	− 2	...	...
...	23·024	+ 7·143	− 3	*m*	...
*	23·063	−37·420	1·00	43.2278	10·2
881					
...	+23·271	−34·212	− 1	...	...
.	23·365	+12·841	0·80	42.2154	10·4
...	23·602	−54·219	− 3	...	...
...	23·681	+47·773	− 1	...	...
...	23·894	+ 5·637	0·70	42.2157	10·4
...	+23·916	− 8·916	− 3	*m*	..
*	23·938	+41·659	1·00	42.2155	10·4
...	24·038	− 8·262	− 3	*m*	...
...	24·045	−48·157	− 3	...	...
*	24·085	+48·728	1·20	42.2156	9·8
891					
...	+24·133	−55·920	− 3	...	...
...	24·365	−22·345	− 1	...	...
..	24·668	− 7·021	− 3	*m*	...
...	24·726	−10·973	− 2	...	...
..	24·749	+ 9·097	− 1	..	...
.	+24·816	−34·519	− 2	...	...
...	24·862	−31·732	− 2	...	...
..	25·001	−28·624	− 2	*a*	...
...	25·020	− 9·668	− 3	*m*	..
	25·197	+28·768	− 2	...	...

901–960

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
901					
...	+25·242	−21·284	− 1	...	...
...	25·680	− 3·047	− 3	...	...
...	25·721	−37·639	− 3	*m*	...
...	26·495	+40·822	− 3	*m*	...
†	26·691	+44·883	0·90	42.2158	10·2
..	+26·707	−33·509	0·70	...	...
..	26·747	−50·708	0·90	...	...
..	26·818	+46·241	0·80	42.2159	10·4
*	27·013	−30·317	1·30	43.2280	9·8
*	27·095	− 4·835	1·15	43.2279	9·9
911					
..	+27·165	+51·176	− 3	...	...
*	27·263	−19·162	1·20	43.2281	9·7
...	27·290	−27·186	− 3	*m*	...
*	27·353	− 4·655	1·15	43.2282	10·0
...	27·373	−41·492	− 2	...	...
...	+27·469	+35·086	− 1	...	...
*	27·486	+29·633	1·90	42.2160	8·8
*	27·585	+ 2·764	1·10	42.2161	10·1
...	27·662	−32·392	0·70	...	...
.	27·894	− 3·982	− 3	*m*	..
921					
...	+27·910	−17·053	0·80	...	...
*	27·957	+21·499	1·00	42.2162	10·4
...	28·170	+17·443	− 3	*m*	...
*	28·249	+31·668	1·00	42.2163	10·2
*	28·275	+23·572	1·00	42.2164	10·4
	+28·528	+ 4·875	− 2	...	...
	28·597	−43·745	− 2	...	...
*	28·825	+ 2·375	1·20	42.2166	9·8
	28·893	+ 1·631	0·90	42.2165	10·4
*	28·925	−37·631	1·60	43.2283	9·6
931					
...	+28·997	+ 3·400	− 3	*m*	...
..	29·007	− 1·542	− 1	42.2169	10·2
	29·131	+22·807	− 3	,,	...
...	29·153	+ 1·735	− 3	*m*	...
..	29·174	−20·558	0·70	...	..
*	+29·259	+13·136	1·00	42.2167	10·2
*	29·458	+24·571	1·20	42.2168	9·9
...	29·719	− 7·586	0·80	43.2284	10·2
	29·815	+43·831	− 3	...	...
...	29·899	− 2·235	− 3	*m*	..
941					
.	+29·905	+42·112	− 3	...	..
...	29·922	+15·492	− 3	*m*	
*	29·983	+ 1·418	1·10	42.2170	10·4
.	30·087	−32·063	− 1		..
†	30·318	+38·674	− 2	...	...
...	+30·459	+24·341	− 3		...
...	30·495	− 1·929	− 1	42.2171	10·4
.	30·520	+51·936	− 3		
	30·597	−31·714	− 3	...	...
...	30·709	−27·783	− 3		.
951					
...	+30·724	−49·991	− 3	...	
	30·993	−25·583	0·80	43.2286	10·2
	31·[illegible]	+11·099	− 3	42.2173	10·4
	31·206	+51·929	− 3	...	...
*	31·208	+44·607	1·90	42.2172	9·[illegible]
.	+31·499	−14·[illegible]	0·65	43.2287	10·2
*	31·[illegible]	+16·344	1·10	42.2175	9·4
..	31·696	+41·929	0·90	42.2174	10·4
	31·717	+38·34[illegible]	− 1	...	...
*	32·113	− 3·[illegible]	2·00	42.2180	8·8

961–1020

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
961					
.	+32·142	+27·000	− 3	...	...
...	32·185	−56·364	0·70	...	...
.	32·266	+51·037	1·10	42.2176	9·6
*	32·274	+11·122	1·05	42.2179	9·4
*	32·351	+34·382	1·00	42.2178	10·2
*	+32·370	+23·271	1·40	42.2181	9·4
.	32·387	+11·181	− 3	...	...
*	32·493	+51·059	1·15	42.2177	10·0
...	32·569	− 0·524	− 2	...	...
*	32·574	−31·873	1·10	43.2288	9·8
971					
*	+32·603	−39·498	1·00	43.2289	10·2
S *	32·622	+56·664	2·00	41.2223	9·2
..	32·768	+ 1·123	− 3	...	...
.	32·798	−26·172	− 3	*a*	...
...	32·981	+26·237	− 2	...	...
...	+33·173	+11·783	0·75	42.2182	9·9
...	33·224	−57·833	− 3	...	...
n *	33·301	+18·721	1·20	...	...
S *	33·453	+10·770	2·20	42.2185	8·3
...	33·613	−49·211	0·90	43.2290	10·0
981					
*	+33·632	+22·351	1·45	42.2184	9·2
n *	33·660	+18·523	5·00	42.2186	5·7
...	33·754	+46·180	− 3	...	...
*	33·810	+43·352	1·05	42.2183	9·8
..	33·911	+36·412	− 1	...	...
...	+34·107	+46·384	− 2	...	...
...	34·144	−41·540	− 3	..	...
*	34·177	+13·162	1·20	42.2187	9·2
...	34·333	−37·233	− 3	..	...
...	34·412	+ 7·459	− 3	...	...
991					
...	+34·579	+21·645	− 3	...	...
...	34·822	+23·771	− 3	..	..
...	34·913	+55·999	− 3	..	...
..	35·166	+45·056	− 3	..	...
‡	35·305	+42·700	1·00	42.2188	9·8
...	+35·517	+51·945	− 2	.	...
.	35·765	+22·046	− 1		...
..	35·868	−45·566	− 2	..	..
.	35·914	−58·819	− 3	..	...
*	35·937	+ 6·732	1·25	42.2189	9·4
1001					
*	+35·966	−30·387	1·10	43.2291	9·7
.	35·967	+46·270	− 2	..	.
.	35·999	+21·602	− 3	.	..
...	36·133	−52·967	− 3	..	...
	36·220	+49·300	− 3	..	
...	+36·292	+50·253	− 3	.	.
	36·322	+11·332	− 3	.	...
...	36·439	− 5·264	− 2	..	.
*	37·126	−44·373	2·00	43.2292	9·[illegible]
*	37·157	−47·400	1·50	43.2293	9·2
1011					
	+37·348	+20·990	− 2	...	..
...	37·594	+23·558	− 3	*m*	...
S *	37·633	−56·670	2·50	43.2294	8·3
	37·764	− 1·703	− 3		...
.	38·140	+53·126	− 2	...	
...	+38·[illegible]	+ 5·254	− 2		...
N [	38·155	+41·581	− 3	...	
...	38·193	+33·155	− 3	.	.
...	38·267	−19·438	− 2	.	...
†	38·345	−49·783	− 3		...

1021–1080

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
1021					
..	+38·374	−57·963	− 2	...	...
...	38·600	−29·272	− 3	...	...
a	38·843	− 0·129	0·70	42.2190	10·2
...	38·947	−30·427	− 3	...	...
* [	39·000	−28·960	1·05	43.2296	9·2
* [	+39·024	−29·018	1·00		
...	39·009	− 6·680	− 3	...	...
*	39·056	− 9·551	1·10	43.2295	9·9
..	39·117	−33·355	− 1	...	...
*	39·190	− 1·624	1·00	42.2191	10·0
1031					
...	+39·289	+39·012	− 2	...	...
...	39·309	−23·509	− 3	...	...
...	39·578	−23·463	0·90	43.2298	10·2
*	39·644	−11·695	1·00	43.2297	10·0
.	39·647	−46·954	− 3	...	...
..	+39·801	+ 9·071	− 3	...	...
...	40·145	− 9·363	− 3	...	...
*	40·194	+13·395	1·00	42.2192	9·8
...	40·233	−27·454	− 3	...	...
...	40·536	−45·749	− 3	...	...
1041					
Sn *	+41·002	− 6·260	3·20	43.2300	7·6
*	41·007	+40·409	1·10	42.2193	9·8
...	41·051	+17·641	− 3	*m*	...
..	41·099	−52·616	0·95	43.2302	10·2
...	41·159	−16·420	0·90	43.2301	10·2
...	+41·164	+18·366	− 1	...	...
n	41·200	− 6·101	0·90	43.2300	7·6
...	41·224	+21·817	− 1	...	...
..	41·246	−18·793	− 2	...	...
*	41·315	−52·133	1·00	43.2303	10·0
1051					
...	+41·332	−49·217	− 3	...	...
...	41·336	+48·308	− 1	..	..
..	41·621	−16·463	− 3	...	...
...	41·643	0·000	− 3	...	...
...	41·661	+45·428	− 2	...	
...	+41·808	+29·590	− 3	...	..
...	41·861	+53·426	− 1	42.2194	10·4
...	41·864	+ 7·769	0·85	42.2196	10·4
...	41·891	+24·697	− 3	...	...
...	41·913	−58·872	− 2	...	...
1061					
*	+41·938	+14·550	1·00	42.2195	10·1
	42·045	+58·155	1·00	41.2239	9·9
.	42·127	− 7·134	− 3	...	...
*	42·314	−30·497	1·05	43.2304	10·2
..	42·511	+12·451	− 3	*m*	...
.	+42·521	+34·253	0·90	42.2197	10·4
	42·538	−51·671	1·10	43.2306	9·9
.	42·810	−17·839	− 3	..	..
...	42·870	−12·827	− 3	...	..
.	42·954	+27·665	− 2	.	...
1071					
*	+43·019	− 7·710	1·00	43.2305	9·8
*	43·553	−41·041	1·90	43.2307	8·8
...	43·253	+42·767	− 1	.	.
†	43·[illegible]	−14·852	− 3	...	...
†	44·183	+29·912	− 3	...	...
†	+44·377	+25·027	0·70	42.2198	10·4
*	44·438	−36·836	1·00	43.2308	10·2
...	44·529	−44·214	− 3	...	...
	44·533	−50·651	1·20	43.2309	9·8
	44·551	−54·338	− 3	...	...

[illegible] Probably obscured by 982 in C.P.D.
1041, 1045, C.P.D., probably misses.

1071. Misses 42·52, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1081–1130					
1081					
...	+44·759	+17·753	− 3	.	...
...	44·938	−45·355	− 2	...	...
...	44·940	−22·308	− 3	..	..
..	45·071	−11·825	0·70		...
*	45·194	+39·685	1·10	42.2199	10·1
...	+45·240	−40·734	− 2	...	...
†	45·362	+19·563	− 2	...	...
.	45·496	+39·563	0·80	42.2200	10·2
...	45·548	+16·321	− 3	...	...
...	46·128	+13·932	− 3	...	...
1091					
...	+46·154	+ 2·490	− 3	*m*	...
*	46·183	−40·442	1·20	43 2310	9·8
...	46·228	+20·260	− 3	...	...
...	46·271	+47·054	− 2	42.2201	10·4
*	46·546	+40·582	1·05	42.2202	10·2
*	+46·701	−20·441	1·00	43.2311	10·2
...	46·849	−44·262	0·85	43.2313	10·2
...	46·881	−33·222	0·65	...	..
*	46·956	−21·078	1·05	...	...
*	47·121	+34·189	1·10	42.2203	10·1
1101					
*	+47·122	−13·592	1·35	43.2312	9·6
*	47·202	− 0·624	1·10	42.2204	10·4
...	47·254	−27·768	− 2	...	
*	47·440	−41·794	1·20	43.2314	9·8
*	47·545	−48·224	1·30	43.2316	9·7
...	+47·641	−45·295	− 3	...	...
*	47·700	+11·431	1·60	42.2206	9·2
*	47·733	+21·672	1·35	42.2205	9·2
...	47·768	−26·811	− 1	...	...
*	47·871	− 1·101	1·00	42.2207	10·4
1111					
...	+47·906	−39·430	− 2	..	..
...	48·043	−40·145	− 3	...	...
...	48·412	−43·457	− 3		...
...	48·533	+39·526	0·65	42.2208	10·2
...	48·621	−38·440	− 2	...	...
...	+48·674	−25·707	− 3	*a*	..
...	48·813	−41·242	− 1	...	...
...	48·855	+36·754	0·80	42.2209	10·4
*	48·888	− 3·689	1·20	42.2210	9·8
a *	48·900	− 0·514	1·00	42.2211	10·4
1121					
S *	+48·918	−27·704	1·80	43.2317	9·0
...	49·075	−14·122	0·75	...	...
*	49·362	−29·962	1·20	43.2318	10·0
...	49·431	−38·512	0·90	43.2319	10·2
*	49·568	+27·416	1·40	42.2212	9·6
...	+49·674	+ 5·958	− 3	*m*	...
...	49·818	+21·632	− 2	42.2213	10·4
...	49·863	−15·291	− 3	*a*	...
...	49·992	−18·591	− 3	...	...
*	50·158	+35·600	1·30	42.2214	9·8
1131–1180					
1131					
‡	+50·278	+15·474	1·10	42.2215	10·0
*	50·497	−24·678	1·20	43.2321	10·0
*	50·566	−16·111	1·40	43.2320	9·8
*	50·590	+15·359	1·00	42.2216	10·0
...	50·680	+48·133	− 2	..	...
..	+50·762	−13·008	− 2		
..	51·267	−22·240	− 2	.	.
...	51·339	+13·101	− 2	..	...
*	51·390	+59·758	1·50	41.2252	9·6
..	51·491	+34·057	− 3	...	...
1141					
*	+51·634	− 0·643	1·30	42.2218	9·8
.	51·659	+37·513	0·80	42.2217	10·2
...	51·861	+25·178	− 2	...	...
...	52·057	−27·123	− 3	...	...
*	52·112	−58·980	1·30	43.2323	9·7
	+52·321	+ 6·100	− 3	*m*	...
...	52·418	+11·794	0·90	42.2219	10·2
...	52·627	+31·313	0·75	...	...
...	52·629	+ 3·498	− 3	*e*	...
*	52·648	+11·443	1·10	42.2220	9·9
1151					
.	+52·703	− 2·170	0·65	...	...
...	53·276	−31·492	0·80	...	...
*	53·283	−36·590	1·20	43.2325	9·8
*	53·334	+35·517	1·40	42.2221	9·4
*	53·339	−21·604	1·20	43.2324	10·0
...	+53·671	+28·607	− 3	...	...
...	53·820	−12·825	− 1	.	
.	54·013	+32·647	− 2	.	...
..	54·104	− 9·028	0·90	...	...
...	54·162	−31·258	− 2	.	...
1161					
...	+54·277	− 0·621	− 3	*m*	..
...	54·489	+46·315	− 2	...	...
*	54·532	+ 3·063	1·45	42.2224	9·6
S *	54·693	+35·733	3·00	42.2223	8·3
...	54·801	+13·208	− 3	...	...
*	+54·856	−31·433	1·10	43.2326	9·8
...	54·873	−17·199	− 3	...	...
...	54·955	+51·013	− 2	42.2222	10·4
*	55·122	+ 9·508	1·50	42.2225	9·2
...	55·191	+24·398	− 3	.	...
1171					
...	+55·202	+14·900	− 3	...	...
...	55·207	−16·753	− 1		...
...	55·230	+35·366	− 3	...	
†	55·247	−51·871	− 3	...	.
...	55·495	−36·593	− 1	...	..
...	+55·520	− 2·811	0·80	42.2227	10·4
...	55·635	+56·096	− 3	...	...
*	55·923	+21·006	1·40	42.2226	9·4
...	56·037	+59·211	− 3	41.2264	10·4
...	56·312	−32·435	0·65	...	...
1181–1219					
1181					
..	+56·340	−22·799	− 1	...	...
*	56·360	+ 8·661	1·30	42.2231	9·7
*	56·605	+32·010	1·20	42.2229	9·9
†	56·616	+39·971	− 3	42.2228	10·4
‡	56·910	+44·886	1·50	42.2230	9·2
.	+56·999	+33·769	− 3	...	...
	57·064	−28·282	0·90	43.2327	10·0
	57·114	+44·040	0·90	42.2232	9·9
*	57·202	−41·818	1·60	43.2328	9·6
	57·258	−57·762	− 2	43.2330	10·2
1191					
.	+57·305	+58·001	− 3		...
...	57·357	+37·604	− 3	...	...
	57·529	− 4·808	− 1	.	...
*	57·609	− 2·545	1·20	42.2236	10·0
...	57·626	−20·359	− 3	...	...
*	+57·874	+45·811	1·20	42.2233	9·9
..	57·944	−21·758	− 3	..	...
n	57·973	+24·466	− 2	42.2235	10·1
...	58·071	+47·864	− 2	42.2234	10·2
*	58·104	−11·137	1·40	43.2329	9·8
1201					
n	+58·113	+24·383	− 2	42.2235	10·1
..	58·154	− 6·938	0·80	..	...
..	58·213	+30·112	− 1	42.2237	10·4
*	58·217	−26·619	1·30	43.2331	9·8
*	58·242	−49·981	1·70	43.2332	9·6
.	+58·665	− 4·286	− 2	...	...
	58·755	+22·749	− 2	..	...
	58·833	+19·969	1·10	42.2238	9·8
.	58·874	+ 5·720	1·10	42.2240	10·0
...	59·218	− 6·800	− 3	...	...
1211					
...	+59·305	−24·499	0·90	43.2333	10·2
..	59·392	− 4·252	− 2	...	...
...	59·530	+17·460	0·80	42.2242	10·4
...	59·541	+36·567	0·80	42.2241	10·2
*	59·543	+46·419	1·30	42.2239	9·8
*	+59·594	−15·128	1·10	43.2334	9·9
†	59·888	+10·088	− 2	...	...
	59·908	−41·401	− 2	43.2335	10·2
...	60·183	−40·379	− 3	...	...

1198, 1201. C.P.D., probably mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–60					
1					
. .	−59·181	+37·396	− 1	42.2217	10·2
…	59·137	−38·642	0·65	43.2319	10·2
…	58·785	+12·986	− 3	…	…
*	58·672	−16·228	1·40	43.2320	9·8
†	58·620	+25·079	− 3	…	…
…	−58·579	−13·121	− 3	…	…
	58·489	−24·800	1·20	43.2321	10·0
*	58·072	− 0·735	1·25	42.2218	9·8
…	58·035	+31·238	− 3	…	…
…	57·799	−22·339	− 3	…	…
11					
…	−57·672	+11·719	0·75	42.2219	10·2
..	57·597	+ 6·019	− 3	M	…
*	57·456	+35·469	1·60	42.2221	9·4
*	57·421	+11·372	1·15	42.2220	9·9
. .	56·915	− 2·225	− 2	…	…
..	−56·906	+28·561	− 3	…	…
…	56·874	−27·193	− 3	…	…
…	56·711	+32·602	− 3	…	…
	56·707	+ 3·445	− 3	E	…
.	56·628	+46·287	− 3	…	…
21					
…	−56·299	+50·999	− 3	42.2222	10·4
S *	56·089	+35·719	3·00	42.2223	8·3
*	55·869	−59·025	1·20	43.2323	9·7
*	55·735	−21·635	1·10	43.2324	10·0
	55·527	−12·849	− 3	…	…
.	−55·524	+35·365	− 3	…	…
…	55·516	−31·522	− 2	…	…
.	55·461	+59·228	− 4	41.2264	10·4
*	55·357	−36·621	1·25	43.2325	9·8
…	55·356	− 9·034	− 1	…	…
31					
*	−55·286	+ 3·060	1·40	42.2224	9·6
…	55·265	+24·400	− 3	..	..
..	55·129	+19·949	− 3	M	…
.	54·974	+14·911	− 3	…	…
*	54·886	+ 9·516	1·50	42.2225	9·2
…	−54·625	−31·257	− 3	…	…
‡	54·438	+21·025	1·40	42.2226	9·4
†	54·284	+40·018	− 1	42.2228	10·4
‡	54·154	+44·922	2·00	42.2230	9·2
…	54·134	− 2·786	− 1	42.2227	10·4
41					
*	−54·076	+32·045	1·25	42.2229	9·9
…	54·011	−16·732	− 2	…	…
*	53·931	+44·085	1·20	42.2232	9·9
*	53·924	−31·414	1·20	43.2326	9·8
..	53·778	+18·621	− 3	…	…
*	−53·629	+ 8·701	1·20	42.2231	9·7
.	53·490	+37·658	− 3	..	…
*	53·221	+45·876	1·25	42.2233	9·9
	53·146	−36·551	− 1	..	…
	53·083	+47·926	− 3	42.2234	10·2
51					
…	−52·926	−51·844	− 3	…	…
…	52·710	−22·743	− 1	…	…
n	52·484	+24·348	− 1	42.2235	10·1
…	52·415	−32·376	0·75	..	…
.	52·420	+30·201	− 1	42.2237	10·4
n	−52·341	+24·470	− 1	42.2235	10·1
	52·065	− 4·721	− 2	…	…
*	52·055	− 2·458	1·20	42.2236	10·0
*	51·824	−28·199	1·10	43.2327	10·−
…	51·743	+28·681	− 3	…	…
61–120					
61					
…	−51·696	−19·200	− 3	…	…
…	51·657	+22·854	− 2	…	…
*	51·568	+46·562	1·20	42.2239	9·8
…	51·495	−20·268	− 3	…	…
‡	51·486	+20·093	1·20	42.2238	9·8
…	−51·382	− 6·837	0·80	…	…
*	51·293	−11·036	1·40	43.2329	9·8
*	51·286	−41·729	1·50	43.2328	9·6
…	51·280	+36·693	− 1	42.2241	10·2
…	51·122	−21·654	− 3	..	…
71					
*	−51·022	+ 5·836	1·10	42.2240	10·0
…	50·940	− 4·169	− 3	…	…
…	50·749	−57·660	− 1	43.2330	10·2
…	50·729	+17·588	0·65	42.2242	10·4
*	50·721	−26·506	1·35	43.2331	9·8
…	−50·312	− 6·671	− 3	…	…
…	50·215	− 4·115	− 2	…	…
…	50·159	+10·238	− 2	…	…
*	49·997	−49·860	1·45	43.2332	9·6
…	49·810	+53·917	− 3	…	…
81					
.	−49·699	−24·356	0·90	43.2333	10·2
*	49·697	−14·983	1·30	43.2334	9·9
…	49·315	− 1·917	− 3	…	…
…	49·247	+21·272	0·80	42.2243	10·1
…	49·129	+50·221	− 1	42.2244	10·2
…	−48·696	+35·385	− 2	…	…
…	48·588	−41·223	0·70	43.2335	10·2
…	48·568	− 2·167	0·90	42.2245	10·4
…	48·531	+11·727	0·70	42.2246	10·2
*	48·498	−19·254	1·40	43.2336	9·4
91					
.	−48·336	−40·196	− 2	…	…
…	48·326	+39·907	− 3	42.2247	10·4
…	48·279	−10·016	− 2	…	…
…	48·144	+13·324	− 3	M	..
..	48·139	−18·622	− 2	…	…
…	−48·062	−45·946	− 2	..	…
*	47·931	+12·317	1·50	42.2248	9·4
S .	47·830	−36·621	1·75	43.2337	9·0
*	47·802	−36·761	1·15		
*	47·337	−10·984	1·45	43.2338	9·6
101					
…	−47·147	+12·210	− 3	…	…
…	47·088	+ 0·405	− 3	M	…
…	46·967	−29·601	− 2	.	…
*	46·791	+42·378	2·00	42.2249	9·2
*	46·749	+30·497	1·30	42.2250	9·8
…	−46·547	−11·608	− 3	…	.
‡	46·470	− 9·913	1·00	43.2339	10·0
..	46·409	+17·694	− 1	.	…
..	46·302	+42·389	− 3	..	…
…	46·139	−11·504	− 3	..	..
111					
. .	−46·131	−40·324	− 3	A	…
*	46·128	+27·630	1·10	42.2251	10·2
*	46·006	+49·794	1·60	42.2253	9·2
*	45·913	−47·842	1·20	43.2340	10·0
…	45·882	+33·336	0·85	42.2252	10·2
…	−45·866	−30·227	− 3	..	…
*	45·653	−32·376	1·30	43.2341	9·9
.	45·344	−28·531	− 3	..	.
*	45·221	+50·942	1·40	42.2254	9·6
…	44·901	−22·868	− 3	..	…
121–180					
121					
…	−44·647	− 7·111	− 3	M	…
…	44·549	− 9·301	0·80	…	…
‡	44·414	− 9·907	1·30	43.2344	9·6
†	44·398	+ 0·235	− 3	M	…
‡	44·183	−39·705	1·25	43.2343	9·8
*	−44·113	−23·729	2·80	43.2345	8·6
…	44·011	− 2·582	0·70	42.2255	10·4
..	43·892	−30·794	− 2	…	…
*	43·692	−14·570	1·00	43.2346	10·2
*	43·183	+39·453	1·10	42.2257	9·8
131					
*	−43·171	+11·656	1·50	42.2256	9·0
…	43·038	−43·008	− 3	A	…
…	42·953	+40·296	− 3	…	…
…	42·940	−17·452	− 3	…	…
…	42·817	+ 8·240	− 3	M	…
…	−42·686	−47·202	− 3	…	…
…	42·632	+ 8·012	− 3	M	…
*	42·550	+36·298	1·40	42.2258	9·4
…	42·519	+48·607	− 3	…	…
…	42·388	− 3·606	− 3	M	…
141					
…	−41·870	−29·066	− 3	…	..
..	41·860	+36·541	− 3	…	…
…	41·808	−14·348	− 1	…	…
*	41·582	+ 4·728	1·20	42.2259	9·6
…	41·310	−42·027	0·80	…	…
…	−41·269	−54·055	− 3	..	…
*	41·213	+21·395	1·20	42.2260	9·4
…	41·140	−13·186	− 1	…	…
…	41·103	−54·866	0·90	43.2347	10·2
…	40·991	+35·414	− 2	…	…
151					
*	−40·866	−50·460	1·80	43.2349	9·4
.	40·773	−15·608	− 3	…	…
…	40·742	−14·584	0·80	…	…
…	40·722	− 9·374	− 1	…	…
*	40·618	+21·756	1·05	42.2261	9·8
…	−40·316	−13·073	0·90	43.2351	10·2
…	40·282	−56·847	0·90	43.2350	10·2
..	40·247	− 8·833	− 3	M	…
*	40·189	−13·286	1·20	43.2352	9·8
..	40·130	+11·388	− 3	M	…
161					
…	−40·098	−52·070	− 3	A	…
…	40·057	+46·328	0·65	42.2264	10·4
*	40·040	+35·389	1·00	42.2265	10·2
	40·034	+ 4·131	0·90	42.2263	10·4
*	39·978	+11·327	1·00	42.2262	9·9
..	−39·871	−16·885	− 3	M	…
*	39·790	−18·213	1·30	43.2353	9·6
.	39·521	−16·463	− 3	M	…
†	39·471	−33·570	0·90	43.2354	10·2
	39·467	−33·972	1·00	43.2355	10·0
171					
…	−39·139	−15·540	0·85	…	…
*	39·061	−38·078	2·00	43.2356	9·2
*	38·951	+20·842	1·10	42.2266	9·7
*	38·941	−20·884	1·20	43.2357	9·6
…	38·941	−51·966	− 3	…	…
…	−38·707	+34·393	− 3	…	…
…	38·535	− 8·211	0·70	…	…
…	37·992	−51·311	− 2	…	…
*	37·880	−11·662	2·00	43.2358	9·0
…	37·876	+31·462	− 1	…	…

CH measured from 1, 259, 500, 525
H .. ,, 125, 337, 093.

53, 56. C.P.D. probably mass

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
181-240					
181					
. .	−37·715	−28·836	− 3	A	...
*	37·601	−20·268	1·00	...	...
*	37·471	− 9·221	1·00	43.2359	10·2
*	37·423	− 6·193	1·10	43.2360	9·7
...	37·377	−32·712	− 3	...	...
...	−37·370	+22·455	− 1	...	...
...	37·294	−25·954	− 2	...	...
...	37·188	− 0·063	− 2	a	...
...	37·152	+46·250	0·90	42.2267	10·4
...	36·945	−36·276	− 1	...	...
191					
*	−36·847	+45·460	1·20	42.2268	9·8
...	36·319	+35·247	0·70	...	...
...	36·311	+52·662	0·90	...	...
...	36·305	−21·225	− 3	...	...
...	36·293	+ 3·724	− 1	..	...
	−36·225	+ 5·727	− 3	...	...
...	36·164	−50·721	0·75	43.2362	10·2
...	35·989	−53·724	0·90	43.2363	9·5
*	35·973	−53·912	1·20		
...	35·915	−54·359	− 2	...	...
201					
...	−35·899	+27·614	0·70	...	...
*	35·666	+30·782	1·00	42.2269	10·2
...	35·540	+29·904	0·90	42.2270	10·4
...	35·355	−56·266	− 3	...	...
...	35·197	+21·699	0·70	...	...
...	−35·112	+27·437	− 2	...	...
*	35·042	−11·724	1·00	43.2364	10·2
...	35·023	−42·616	− 3	...	...
...	34·891	−27·186	− 3	...	...
*	34·840	+15·937	1·30	42.2271	9·8
211					
...	−34·837	+31·820	0·65	...	...
...	34·800	−51·630	− 3	...	...
*	34·774	+ 3·731	1·30	42.2272	9·8
*	34·548	−15·308	1·00	43.2366	10·2
†	34·421	−41·700	0·90	43.2365	10·2
...	−34·154	+ 4·244	− 3	M	...
...	34·036	− 0·610	0·70	...	...
*	34·007	+19·307	1·15	42.2273	9·8
*	33·901	−12·896	2·30	43.2367	8·3
*	33·873	+50·783	1·80	42.2274	9·2
221					
‡	−33·779	−39·768	1·00	43.2368	9·9
*	33·734	+48·053	1·05	42.2275	9·9
*	33·608	− 7·349	1·00	43.2369	10·2
...	33·382	−48·108	− 3	...	...
*	33·145	−56·290	1·30	43.2370	9·7
*	−32·954	−23·270	1·15	43.2371	9·6
*	32·888	− 3·530	1·10	42.2276	9·9
S *	32·868	+52·305	2·00	42.2277	9·0
...	32·839	+48·182	− 3	...	...
...	32·612	−41·627	− 3	...	...
231					
...	−32·539	+ 0·459	− 3	M	...
*	32·475	+ 7·623	1·10	42.2278	9·8
...	32·418	−10·943	0·70	...	...
*	32·398	−17·213	1·00	43.2372	10·0
...	32·272	+39·208	− 3	...	...
...	−32·266	+ 9·205	− 2	...	...
*	32·218	+25·556	1·00	42.2279	10·0
*	32·159	−37·443	1·10	43.2373	9·8
...	32·128	+50·286	− 1	42.2280	10·4
*	32·116	−47·070	1·00	43.2374	10·0
241-300					
241					
...	−32·028	+22·338	0·70	42.2281	10·4
*	31·969	+45·233	1·15	42.2282	9·7
...	31·890	+38·572	− 1	...	...
*	31·880	−17·321	1·00	43.2376	9·9
*	31·875	−37·135	1·00	43.2375	9·8
	−31·865	+12·973	− 2	...	...
*	31·817	+17·721	1·00	42.2283	10·2
...	31·423	+51·679	0·70	42.2284	10·2
	30·930	−54·646	1·15	43.2377	10·2
...	30·774	+36·373	− 3	M	...
251					
*	−30·690	−19·580	1·10	43.2378	9·8
...	30·479	+16·427	− 3	M	...
.	30·384	+17·027	− 1	42.2285	10·4
...	30·011	−41·539	0·90	43.2379	10·2
*	29·873	−23·752	1·50	43.2380	9·2
*	−29·740	−22·140	1·60	43.2381	9·2
...	29·729	−17·687	− 3	...	...
..	29·634	+ 1·377	− 3	M	...
...	29·255	+12·391	− 1	...	...
..	29·030	+32·445	− 3	...	...
261					
...	−28·952	+15·106	− 4	M	...
*	28·872	−37·893	1·10	...	...
.	28·803	+47·777	1·25	42.2286	9·8
*	28·700	−55·388	1·25	43.2382	9·8
...	28·523	− 3·743	− 3	...	...
.	−28·295	−17·216	− 3	...	...
*	28·231	− 5·561	1·00	43.2386	10·2
..	28·107	+48·735	− 3	...	..
...	28·103	−32·041	− 3	...	..
*	28·053	−46·344	1·40	43.2385	9·6
271					
...	−27·754	−47·836	− 1	...	...
*	27·721	+53·762	1·30	42.2288	9·8
..	27·699	+35·268	− 3	...	...
*	27·539	− 8·694	1·10	...	...
...	27·506	+22·561	0·70	42.2287	10·4
*	−27·497	−41·125	1·20	43.2387	10·0
...	27·378	+23·450	0·80	42.2289	10·4
*	27·279	−25·264	1·20	43.2388	9·9
...	27·194	− 9·754	− 3	M	...
*	27·173	+22·062	1·10	42.2290	10·2
281					
...	−27·143	− 4·039	− 3	M	...
...	27·110	−49·174	0·80	43.2389	10·2
...	26·705	−18·719	− 3	M	...
...	26·665	+12·824	0·70	...	...
+	26·487	+51·192	1·15	42.2291	10·0
†	−26·475	−24·857	0·70	...	...
...	26·378	−32·042	0·70	...	...
...	26·271	+35·514	− 3	...	...
...	26·072	− 1·610	− 3	M	...
...	26·055	−18·840	− 1	...	...
291					
*	−26·045	−15·986	1·40	43.2391	9·2
†	26·038	+39·996	0·65	...	...
*	26·012	−58·742	1·40	43.2390	9·6
...	25·917	+ 6·509	− 2	...	...
...	25·904	−46·235	− 3	...	...
...	−25·861	− 5·234	− 2	...	...
*	25·760	−15·700	1·35	43.2392	9·2
..	25·742	+32·091	0·75	42.2292	10·4
...	25·672	+ 8·539	− 3	M	...
...	25·482	−13·394	0·70	...	...
301-360					
301					
. .	−25·466	−42·387	− 3	...	...
...	25·432	−25·929	− 3	...	...
...	25·408	−20·462	− 3	M	...
*	25·257	−36·377	1·40	43.2393	9·6
...	25·132	−14·335	− 3	...	...
*	−25·091	+48·243	1·15	42.2293	9·9
*	24·908	−55·257	1·00	43.2394	10·2
.	24·839	−15·932	0·70	43.2395	10·2
..	24·685	−15·789	− 3	..	...
S ‡	24·503	−54·308	2·45	43.2397	8·6
311					
†	−24·372	+13·518	0·90	42.2294	10·4
.	24·338	+22·950	− 1	...	...
*	24·153	−46·600	1·20	43.2398	10·2
‡	23·875	−19·776	1·40	43.2399	9·4
..	23·803	+31·654	− 3	...	...
*	−23·711	− 5·551	1·20	43.2400	10·0
*	23·291	− 1·691	1·10	42.2295	10·4
...	23·194	−32·017	− 2	..	...
...	23·095	−38·161	− 3	...	...
..	22·968	+43·281	− 2	...	...
321					
*	−22·723	+12·005	1·10	42.2296	10·2
.	22·485	+26·292	0·90	42.2297	10·2
..	22·334	+21·339	− 3	M	...
..	22·288	+22·973	− 3	...	...
*	22·119	−50·777	1·30	43.2401	9·7
*	−21·797	+13·117	1·20	42.2298	10·0
...	21·640	−33·913	− 1	...	...
...	21·587	−50·748	− 1	43.2403	10·2
...	21·553	−35·908	− 2	...	...
..	21·459	−47·981	− 3	...	...
331					
...	−21·454	+ 4·225	− 3	M	...
*	21·343	−34·939	1·25	43.2405	10·0
..	21·306	−45·070	− 3	...	...
*	21·073	+36·375	1·20	42.2299	9·8
.	20·920	−23·844	− 3	...	...
..	−20·826	−48·464	− 3	.	...
..	20·642	+16·243	− 2	...	.
...	20·521	+45·743	− 3	...	...
...	19·883	−58·622	− 3	..	...
...	19·684	−11·193	− 3	...	.
341					
...	−19·537	−50·372	− 3	...	...
*	19·291	+11·578	1·25	42.2300	9·8
...	19·151	− 6·205	− 2	...	...
...	19·004	−46·548	− 2	...	...
‡	18·690	+20·012	1·10	42.2301	10·2
...	−18·602	+ 2·352	− 1	...	...
...	18·442	−26·074	− 3	M	...
...	18·441	+16·398	− 2	...	..
...	18·202	−18·893	− 1	...	...
...	18·167	−29·605	0·70	...	...
351					
...	−18·160	−47·988	− 2	...	...
*	18·064	−25·887	1·10	43.2406	10·2
*	18·031	− 0·180	1·00	42.2302	10·4
*	17·860	−12·162	1·10	...	...
...	17·848	−36·049	0·75	...	...
...	−17·153	−17·022	− 3	...	...
*	17·113	+40·702	1·15	42.2303	9·9
...	17·100	−33·575	− 3	...	...
...	16·928	−37·652	− 3	...	...
*	16·822	− 7·433	2·40	43.2409	8·7

361–420

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
361					
...	−16·793	+24·239	− 3	M	...
*	16·754	+38·218	1·20	42.2304	9·8
	16·751	+51·665	− 3	...	...
...	16·744	−22·202	0·70	43.2408	10·2
*	16·336	−40·593	1·15	43.2411	10·2
*	−16·079	+10·220	1·40	42.2306	9·2
...	16·025	+ 4·153	0·70	42.2307	10·4
*	16·024	+36·101	1·40	42.2305	9·4
*	15·970	−30·485	1·25	43.2412	9·7
*	15·966	+41·450	1·20	42.2308	9·8
371					
...	−15·930	+28·253	− 2	...	...
†	15·834	+35·269	2·40	42.2309	8·6
*	15·676	−19·035	1·80	43.2413	9·3
...	15·591	−25·316	− 3	M	...
...	15·579	+13·852	0·70	42.2310	10·1
...	−15·424	−34·255	− 1	...	...
*	15·309	−45·165	1·05	43.2414	10·0
S *	15·277	+12·950	2·20	42.2311	8·4
...	15·258	+ 6·447	0·80	42.2312	10·2
...	15·172	+21·994	− 3	.	...
381					
...	−15·150	+31·677	− 3	...	...
*	15·014	+50·074	1·30	42.2313	9·8
...	15·012	+41·518	− 3	...	...
...	14·966	−56·494	− 3	...	...
*	14·833	−54·773	1·30	43.2415	9·6
.	−14·652	− 9·596	− 3	M	...
†	14·414	+29·556	− 2		...
...	14·135	−54·020	− 3	.	...
..	14·099	−10·312	− 3	.	...
*	14·057	− 2·003	1·00	42.2314	10·2
391					
...	−13·938	−24·291	− 2	...	.
...	13·590	−15·597	0·70	...	..
...	13·493	−15·669	− 3	M	...
...	13·451	− 9·717	− 2	.	..
..	13·162	−27·289	− 2	...	
..	−13·117	−27·565	− 2		...
...	13·083	+24·189	0·65	...	...
*	12·999	+51·869	1·15	42.2315	9·8
...	12·882	+21·680	− 3	.	..
...	12·836	−13·447	0·80	...	...
401					
...	−12·816	+33·428	− 3	..	...
*	12·687	+47·310	3·20	42.2316	8·0
	12·680	−41·619	− 3	..	...
...	12·673	+ 9·743	− 3		...
.	12·537	+48·675	− 3		...
.	−12·327	−10·660	− 2		.
	11·984	− 2·587	− 3	...	..
	11·918	+13·063	0·70	42.2317	10·4
.	11·685	+49·754	− 3	...	...
*	11·58[illegible]	− [illegible]·188	1·20	43.2417	10·0
411					
	−11·499	− 2·874	− 2	...	...
	11·452	−31·776	− 3	...	...
*	11·249	+31·835	1·00	42.2318	10·1
...	11·113	− 0·021	0·80	42.2321	10·4
.	11·098	−22·346	− 2	...	.
*	−11·0[illegible]	+38·858	1·30	42.2319	9·4
...	11·05[illegible]	+ 8·907	0·70	42.2320	10·4
...	10·827	−57·451	0·90	43.2418	10·2
...	10·578	+57·490	− 2	..	...
...	10·577	−55·780	− 1	...	...

421–480

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
421					
*	−10·550	+37·469	1·00	42.2322	9·8
...	10·443	−28·975	− 3	...	...
...	10·340	+56·097	− 3	...	...
*	10·263	+22·133	1·00	42.2323	10·2
..	10·183	+ 7·479	− 3	M	...
...	− 9·888	−22·436	− 3	M	...
*	9·656	−32·207	1·10	43.2419	9·8
S ‡	9·408	−18·486	2·45	43.2420	8·6
*	9·221	−50·802	1·00	43.2421	10·2
*	9·200	− 3·093	1·00	42.2324	9·7
431					
...	− 8·865	−29·293	0·65	...	...
*	8·860	−52·203	1·20	43.2423	9·8
*	8·818	−20·858	1·30	43.2422	9·6
..	8·760	+43·814	0·80	42.2325	10·4
...	8·619	−12·939	0·80	...	...
...	− 8·604	− 0·375	− 2	...	...
..	8·565	+ 1·435	− 3	M	...
..	8·462	−26·634	0·80	...	...
...	8·271	−36·902	− 2	...	...
*	8·119	−22·574	1·00	43.2424	10·0
441					
...	− 8·001	−21·180	0·70	...	...
	7·899	+29·300	0·70	42.2326	10·4
	7·790	+ 1·123	− 2	...	...
*	7·665	−57·748	1·20	43.2425	9·8
...	7·387	−18·239	− 2	...	...
...	− 7·007	−46·594	− 3	...	...
...	6·944	+ 1·375	− 3	M	...
...	6·905	+27·721	− 1	..	..
...	6·859	−14·291	− 3	...	..
...	6·268	−20·367	− 3	...	...
451					
...	− 5·994	+34·319	0·80	42.2327	10·4
*	5·956	− 30·128	1·00	43.2426	9·8
.	5·760	− 4·480	0·90	43.2428	10·2
...	5·749	+ 4·196	− 3	M	...
†	5·672	−14·048	2·00	43.2427	8·9
..	− 5·655	− 1·366	− 3	...	...
...	5·237	−43·407	0·65	...	...
...	5·045	+41·244	− 3	...	...
M f	4·922	+ 0·094	1·00	42.2328	9·8
*	4·783	−42·641	1·30	43.2429	9·6
461					
...	− 4·690	+22·538	0·70	...	...
...	4·679	+53·117	0·80	42.2329	10·4
†	4·527	−27·430	− 3	...	...
†	4·524	+37·429	− 2	42.2330	10·4
†	4·417	+13·472	− 3	...	...
*	− 4·378	+38·409	1·30	42.2331	9·2
..	4·017	+33·472	0·85	42.2332	10·3
...	3·952	+31·066	− 2	...	...
...	3·906	−31·731	− 3	m	...
*	3·864	−57·886	1·00	43.2430	10·2
471					
...	− 3·823	+44·043	− 3	...	...
...	3·586	−35·028	− 3	m	...
*	3·478	−42·384	1·00	43.2431	10·0
...	3·039	+38·477	− 3	...	...
*	2·757	−34·227	1·30	43.2432	9·5
..	− 2·623	−11·005	− 2	m	
...	2·438	−38·912	− 3	m	.
...	1·975	+50·967	0·70	..	..
...	1·902	+20·983	− 2	.	..
..	1·755	+17·100	− 1	..	...

481–540

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
481					
...	− 1·655	+23·740	− 3	M	...
...	1·560	−13·128	− 3	M m	...
*	1·498	−17·212	1·00	43.2434	9·9
*	1·467	+ 3·503	1·10	42.2333	10·0
...	1·407	+55·127	− 3	...	...
*	− 1·347	− 3·809	1·20	42.2334	9·7
*	1·146	−17·513	1·10	43.2435	9·9
*	0·902	−23·946	1·80	43.2436	9·2
...	0·780	+32·117	− 2	...	...
...	0·584	+40·208	− 3	M	...
491					
...	− 0·539	− 1·191	− 3	M m	...
...	0·349	+36·444	− 1	...	...
*	0·273	−56·203	1·20	43.2437	9·8
...	0·234	+46·973	0·90	42.2335	10·3
...	− 0·067	+17·667	− 1	...	...
*	+ 0·204	+44·864	1·00	42.2336	10·2
†	0·336	+50·021	− 2	...	...
*	0·386	+34·183	1·60	42.2337	9·2
†	0·483	+36·635	− 2	42.2338	10·3
...	0·685	−42·793	− 2	...	...
501					
*	+ 0·696	−32·409	1·30	43.2438	9·8
...	0·955	−11·432	− 3	M m	..
...	0·982	− 1·988	− 3	M	...
...	1·008	−32·564	− 3	...	...
*	1·092	−57·226	1·80	43.2439	8·8
*	+ 1·294	−29·896	1·30	43.2440	9·9
...	1·356	+38·781	0·80	42.2339	10·2
...	1·553	−44·494	− 2	...	..
...	1·656	+35·463	− 3	M	..
...	1·928	+ 8·366	− 3	M	...
511					
*	+ 2·016	− 2·543	1·20	42.2342	10·0
*	2·123	+39·903	1·10	42.2340	10·0
...	2·154	−44·396	− 2	...	...
N	2·219	+25·230	− 2	42.2341	10·3
...	2·344	− 5·820	− 2	M	...
...	+ 2·354	−35·843	− 2	...	..
..	2·464	+33·455	− 1	...	...
.	2·567	+38·632	0·80	...	..
*	2·666	+47·300	1·50	42.2343	9·2
...	2·738	−30·502	− 3	M m	...
521					
...	+ 3·155	+45·727	− 3	...	...
*	3·206	+13·413	1·05	42.2344	10·2
..	3·254	−17·190	− 1	...	...
*	3·367	+20·706	1·30	42.2345	9·2
.	3·509	+56·738	− 1	...	...
..	+ 3·737	−57·341	− 3	...	...
*	4·050	−41·560	1·10	43.2441	9·8
...	4·148	+19·708	− 3	M	...
*	4·224	−45·672	1·30	43.2442	9·7
...	4·259	+24·249	− 2	42.2347	10·3
531					
...	+ 4·377	+43·417	0·80	42.2346	10·3
S *	4·689	+33·6[illegible]	2·20	42.2348	8·8
...	4·690	+59·825	− 1	41.2363	10·3
*	4·813	+20·789	1·45	42.2349	9·2
...	4·827	−34·662	0·90	43.2443	10·2
...	+ 4·902	+32·257	− 3	...	...
*	4·997	−41·452	1·30	43.2444	9·7
S *	5·037	+47·216	3·00	42.2350	8·0
...	5·185	−10·702	− 1	M b	...
...	5·303	+30·982	− 3	...	..

514. 42 ·50. 43 ·50, no note of duplicity : 42 ·51. mass of double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
541–600					
541					
†	+ 5·400	+55·649	− 2	...	...
‡	5·610	−57·753	1·80	43.2445	9·2
...	5·622	+27·937	0·90	42.2352	10·3
*	5·627	+40·991	1·15	42.2351	10·2
*	5·649	+20·315	1·20	42.2353	10·0
...	+ 5·777	+24·662	− 3	..	...
...	5·860	+38·544	− 3	...	...
*	6·072	+37·791	1·30	42.2354	9·8
...	6·082	+50·085	− 3	...	...
...	6·117	+ 5·796	− 1	...	...
551					
*	+ 6·125	+ 4·284	1·35	42.2355	9·8
*	6·137	−30·978	1·30	43.2446	9·7
...	6·299	+40·494	0·70	...	...
...	6·356	−49·912	0·80	43.2447	10·2
*	6·444	+ 5·808	1·20	42.2356	9·9
...	+ 6·538	+17·390	− 1	...	...
...	6·638	−34·486	0·90	...	...
*	6·782	−55·648	1·20	43.2448	9·8
...	6·980	+18·987	− 2	...	...
*	7·015	+26·736	1·70	42.2357	9·2
561					
*	+ 7·069	−32·252	1·20	43.2449	10·0
...	7·127	−53·202	− 3	...	.
...	7·191	−51·626	− 3	.	...
...	7·354	− 7·949	− 2	.	.
..	7·528	−40·729	− 3	.	...
*	+ 7·754	+18·826	1·30	42.2358	9·9
...	8·200	+35·150	0·65	...	...
...	8·596	+44·019	− 3	...	...
*	8·779	+ 7·801	1·40	42.2359	9·8
...	8·878	+10·390	− 2	...	...
571					
...	+ 9·236	−15·331	− 1	.	..
...	9·273	+32·813	− 3	.	...
...	9·274	+ 8·162	− 3	.	...
*	9·281	−58·804	1·30	43.2453	9·8
S ‡	9·397	−39·713	2·25	43.2452	8·6
...	+ 9·517	−43·883	− 2	*b*	...
*	9·980	−47·959	1·20	43.2454	10·0
...	10·118	−58·344	− 3	...	...
...	10·285	−14·248	0·90	43.2455	10·2
‡	10·375	+58·931	1·30	41.2372	9·8
581					
..	+10·385	+46·842	− 3	...	...
*	10·633	−34·221	1·40	43.2456	9·7
...	10·764	−43·389	− 3	*b*	...
...	11·371	−43·333	0·75	...	. .
...	11·420	+39·918	− 3	..	...
...	+11·490	−17·353	− 2	.	...
S *	11·582	+56·194	2·95	41.2376	8·5
*	11·694	−35·796	1·10	43.2457	10·2
...	11·938	−13·116	− 3	..	...
...	11·945	+17·332	− 3	...	...
591					
...	+12·364	−42·731	0·80	43.2458	10·2
*	12·446	+49·050	1·05	42.2360	10·2
...	12·597	−54·608	− 1	...	...
*	12·612	−38·319	1·20	43.2459	10·2
*	12·689	+18·572	1·20	42.2361	10·3
...	+12·704	−18·794	− 3	*m*	...
...	12·797	+41·973	− 3	. .	...
...	12·845	+44·134	0·65	...	...
*	13·123	+53·113	1·35	42.2362	9·6
*	13·452	+28·826	1·40	42.2363	9·4
601–660					
601					
..	+13·785	−46·783	− 3	...	
.	13·806	+35·453	− 3	...	.
.	13·880	−50·440	− 3	*b*	
...	13·893	− 7·190	− 3	*m*	
. .	13·902	−27·825	− 3	...	..
..	+14·032	+53·119	− 3	42.2364	10·3
...	14·069	−17·909	0·90	43.2460	10·2
*	14·110	−59·160	1·25	43.2462	10·0
*	14·215	−41·597	1·20	43.2461	10·0
*	14·393	+52·874	1·20	42.2365	9·9
611					
...	+14·508	−52·654	− 3	...	...
*	14·603	+27·840	1·15	42.2366	10·0
*	14·645	+11·129	1·20	42.2367	10·3
...	14·797	−44·828	− 1	...	...
...	14·888	−53·188	− 3	...	...
*	+15·032	+35·523	2·90	42.2368	8·5
..	15·078	−29·231	− 3	*m*	...
.	15·187	− 5·079	1·40	43.2463	10·0
*	15·219	+25·747	1·05	42.2369	10·2
*	15·236	+12·897	1·10	...	...
621					
...	+15·393	−32·777	− 3	*m*	...
‡	15·452	+55·860	2·20	41.2382	9·2
..	15·540	−17·385	0·65	43.2464	10·2
...	15·680	−29·230	− 2	...	...
...	15·708	+56·847	− 3	...	...
.	+16·103	+57·181	0·65	41.2385	10·0
*	16·237	−42·156	1·20	43.2466	9·8
.	16·289	+40·794	− 3	...	...
...	16·294	− 5·618	− 1	...	...
*	16·454	−13·790	1·35	43.2465	9·6
631					
*	+16·589	−57·971	1·10	43.2468	10·2
...	16·758	−26·473	0·90	43.2467	10·2
...	16·811	−33·805	− 3	*m*	...
...	16·850	−38·436	− 3	*m*	...
...	16·906	+38·637	− 3	...	..
...	+17·163	−36·100	− 3	*m*	.
...	17·360	−20·110	− 3	*m*	.
...	17·888	+31·608	− 2	...	.
...	17·966	+56·069	− 2	...	...
...	17·976	−18·598	0·80	43.2469	10·2
641					
...	+17·991	−50·756	− 2	...	...
*	18·290	−38·587	1·30	43.2470	9·8
. .	18·682	−50·904	0·90	43.2472	10·2
‡	18·803	−36·911	1·05	...	...
...	19·091	−15·354	0·90	43.2471	10·2
...	+19·229	+43·338	− 3	...	...
...	19·260	+41·581	− 3	...	...
*	19·296	−46·899	1·20	43.2473	9·9
...	19·445	−54·068	− 3	*b*	...
...	19·587	−56·006	− 1	...	.
651					
...	+19·856	+27·563	− 3	...	...
*	19·986	+23·081	1·40	42.2371	9·6
‡	20·026	−29·531	1·20	43.2474	10·0
...	20·061	+23·587	− 3	...	...
*	20·067	+51·725	1·50	42.2370	9·6
...	+20·341	+10·301	− 3	...	...
*	20·551	−23·515	1·40	43.2475	9·7
...	20·611	+36·889	− 3	...	...
...	20·622	−15·493	− 3	*m*	...
...	20·770	−28·662	− 3	*m*	...
661–720					
661					
*	+20·777	+27·135	1·35	42.2372	9·8
*	20·787	+ 6·876	1·40	42.2373	9·4
*	20·862	−34·016	2·30	43.2476	9·1
..	20·962	−47·783	− 1	...	...
.	20·973	+34·682	− 3	*a*	...
...	+21·203	+25·194	− 3	...	...
*	21·245	+17·656	2·20	42.2374	9·0
...	21·490	+47·542	− 1	...	...
.	21·519	−48·782	− 3	*b*	...
...	22·299	− 8·269	− 3	*m*	...
671					
...	+22·453	+25·737	− 3	...	...
...	22·574	−36·191	− 2	...	..
...	22·605	−35·856	− 3	*b*	...
...	22·620	−48·033	− 1	...	...
.	22·716	+ 2·405	− 3	...	...
.	+22·740	+40·729	− 2	42.2375	10·3
...	22·915	+13·522	0·75	...	.
.	22·946	+27·452	− 3	...	
*	23·047	− 7·670	1·00	43.2478	10·2
..	23·090	−49·980	− 2	...	...
681					
*	+23·396	−50·170	1·90	43.2479	9·5
...	23·650	−39·153	− 2	...	...
*	23·701	+45·154	1·40	42.2376	9·8
*	23·973	+53·463	1·80	42.2377	9·4
*	24·074	−56·352	3·40	43.2480	7·7
.	+24·179	+ 7·453	− 3	...	...
.	24·202	+53·126	− 3	...	...
...	24·295	+ 5·975	0·85	42.2378	10·3
‡	24·465	+23·786	1·15	42.2379	10·3
...	24·518	−32·085	− 3	*m*	...
691					
...	+25·210	−35·299	− 3	*m*	...
‡	25·329	−53·027	− 1	43.2481	10·2
..	25·728	−46·639	− 3	*a*	...
*	26·186	+48·555	1·05	42.2380	9·8
*	26·697	+54·598	1·10	42.2381	9·8
.	+26·749	+17·736	0·90	42.2382	10·2
...	26·785	−39·085	− 3	*d*	...
...	26·943	−15·890	− 3	...	. .
.	27·096	−35·363	− 3	*b*	
†	27·122	−44·770	− 3	...	.
701					
...	+27·143	−40·860	− 2	*b*	.
..	27·157	+18·936	− 2	...	. .
*	27·158	− 0·877	1·40	42.2383	9·2
...	27·321	−11·821	− 3	...	...
...	27·801	− 6·134	− 1	43.2482	10·2
*	+27·986	+58·978	1·60	41.2402	9·6
...	28·179	−11·617	− 3	...	...
.	28·190	+ 6·363	− 2	...	
...	28·385	−55·619	− 3	*b*	...
..	28·427	+16·928	0·70	...	. .
711					
*	+28·467	− 5·670	1·00	43.2483	10·0
.	28·470	−19·300	0·75	43.2484	10·2
...	28·499	− 5·916	− 3	*m*	...
‡	28·524	−17·409	2·15	43.2485	8·6
*	28·539	−44·267	1·05	43.2486	9·6
†	+28·550	+ 0·131	− 3	...	...
*	28·743	+39·094	1·00	42.2384	10·2
...	28·756	+22·981	0·90	42.2385	10·2
...	28·885	+50·981	− 3	...	...
...	29·041	+29·224	0·80	42.2386	10·3

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
721–780					
721					
...	+29·763	+19·729	0·70	...	..
.	29·294	−40·255	− 2	...	...
...	29·347	+37·574	0·90	42.2387	10·3
..	29·627	+51·579	− 3	...	...
..	29·643	−29·049	− 2	...	...
..	+29·679	+57·682	− 2	...	...
*	29·692	− 1·134	1·00	42.2389	9·9
..	29·985	−12·138	− 2	..	...
.	30·092	−26·431	− 3	*m*	...
...	30·101	+55·319	− 2	..	...
731					
...	+30·150	−50·809	− 2	...	...
*	30·183	+54·271	2·00	42.2388	9·0
†	30·333	+25·115	1·15	42.2390	9·6
	30·864	−41·942	1·10	43.2489	9·7
...	30·873	+58·874	− 3	...	...
*	+30·957	−21·118	1·00	43.2488	9·7
..	31·143	−49·380	0·70	43.2490	10·2
...	31·216	−48·992	− 3	...	.
.	31·263	+28·977	− 3	...	
...	31·882	+19·700	− 2	...	
741					
..	+31·934	− 8·838	− 3	*m*	...
..	32·085	−11·922	0·70	...	
	32·166	−38·765	− 3	*h*	
*	32·218	− 4·712	1·20	43.2491	9·6
...	32·671	+14·768	− 2	..	...
	+33·119	+16·439	1·00	42.2391	10·3
..	33·247	+59·360	− 3	..	...
*	33·398	−42·232	1·10	43.2493	9·8
.	33·730	+15·813	− 1	...	...
.	33·789	− 1·668	1·30	42.2395	9·2
751					
...	+33·848	+30·732	0·90	42.2393	10·2
...	33·870	+11·502	0·80	42.2394	10·2
...	33·895	+41·953	0·85	42.2392	10·2
...	34·598	+16·445	− 3	...	
...	34·667	− 6·068	− 3	*m*	...
	+34·808	−53·571	− 3	...	
	34·877	−28·647	− 2	..	...
...	34·925	− 4·025	− 3	*m*	
*	35·260	− 3·706	1·10	42.2396	9·8
...	35·569	+ 3·446	− 3	...	...
761					
...	+35·832	−39·520	0·70	43.2495	10·2
*	35·969	+28·815	3·00	42.2397	8·0
S †	36·023	−54·662	2·25	43.2496	8·6
.	36·117	+29·135	− 3	..	
	36·124	−31·712	− 1	...	...
	+36·236	+13·571	− 3		
	36·527	+13·380	− 2		
	36·622	−16·366	− 3		...
...	36·866	−56·990	− 3	*a*	.
	36·885	−59·102	− 3	...	
771					
*	+37·143	−47·978	1·20	43.2497	9·8
*	37·213	+52·962	1·20	42.2398	9·8
	37·251	−12·534	0·70	...	...
†	37·449	−34·803	− 2	..	...
	37·492	+16·318	− 2	...	...
*	+37·651	+23·247	1·00	42.2399	10·0
...	37·823	−52·871	0·80	43.2498	10·0
...	37·892	+55·217	0·90	41.2414	10·2
*	37·899	−58·112	1·10	43.2499	9·9
*	38·217	+17·500	1·50	42.2400	9·0
781–840					
781					
*	+38·343	−17·369	1·00	43.2500	10·0
...	38·603	−40·328	0·75	...	...
..	38·717	− 7·792	− 2	*b*	...
...	38·780	+51·796	0·70	42.2401	10·3
...	38·834	+17·504	0·70	42.2402	10·0
..	+39·088	+28·751	− 2	...	...
..	39·137	+ 7·011	− 3	...	...
†	39·140	+21·055	1·20	42.2403	9·6
	39·466	+52·208	− 3	..	...
.	39·744	+39·300	0·65	..	...
791					
...	+39·957	−30·289	0·70	...	...
	40·147	−37·065	0·90	...	...
†	40·416	+20·837	− 3	..	.
..	40·550	+ 8·820	− 2	..	...
..	40·570	−27·640	0·70	...	...
...	+40·571	−34·989	− 3	*h*	.
*	40·575	+44·101	1·30	42.2404	9·6
...	40·708	−47·359	− 2	...	...
*	40·909	−20·815	2·15	43.2501	8·7
*	40·925	+40·482	1·50	42.2405	9·2
801					
*	+40·939	+16·221	1·10	42.2406	9·8
...	41·056	−11·643	− 2	...	...
*	41·076	−43·198	1·30	43.2503	9·5
	41·351	+14·698	0·90	42.2407	10·2
.	41·873	−17·284	− 3	*m*	...
*	+42·417	−12·850	1·00	43.2504	10·0
	42·423	−17·120	0·70	..	...
.	42·586	+20·314	− 3	..	.
.	42·612	+42·649	− 3	..	.
...	42·714	+34·357	− 3	.	.
811					
*	+42·734	+ 9·201	1·00	42.2408	10·2
...	42·776	−42·170	0·90	43.2505	10·2
...	42·826	−47·928	− 3	...	...
	43·140	− 4·857	0·70	42.2409	10·3
..	43·233	− 0·318	− 3	*m*	...
*	+43·876	+ 6·666	1·10	42.2410	9·8
...	43·910	+57·754	− 3	...	...
	44·079	+36·020	− 2	...	...
*	44·341	−46·228	1·25	43.2506	9·6
..	44·497	+34·107	− 3	...	...
821					
*	+44·857	−35·336	1·80	43.2507	9·2
*	44·910	−44·972	1·00	43.2508	9·9
...	45·172	+40·625	− 3	...	...
*	45·289	−36·962	1·10	43.2509	9·8
*	45·754	−25·447	1·10	43.2510	10·2
*	+45·892	−52·197	3·35	43.2512	8·1
...	45·950	−27·387	− 3	*a*	...
.	45·969	−16·436	− 3	*b*	...
.	46·081	+29·830	1·30	42.2411	9·7
...	46·122	−27·478	− 3	*m*	...
831					
*	+46·353	−14·155	1·35	43.2511	9·7
...	46·531	−47·360	− 3	*h*	..
	46·552	+20·884	− 3	...	...
*	46·586	+ 9·125	1·30	42.2413	9·6
†	46·844	+52·044	1·50	42.2412	9·6
	+46·973	−31·456	− 2	...	...
	47·095	−35·156	− 2	...	...
...	47·188	−41·648	− 4	*m*	.
.	47·239	−58·601	− 3	...	...
...	47·271	−14·356	− 1	...	...
841–900					
841					
...	+47·283	+37·331	− 3	...	...
*	47·887	−11·793	1·40	43.2513	9·6
...	48·031	−20·715	− 2	...	...
...	48·178	−49·294	− 3	*b*	...
*	48·213	+50·602	1·40	42.2414	9·6
...	+48·345	+36·904	− 3	...	...
*	48·698	+24·239	1·10	42.2415	10·2
...	48·833	− 9·206	− 3	*m*	...
...	49·083	+ 1·192	− 3	...	...
...	49·381	+23·581	− 2	...	...
851					
...	+49·461	+29·844	− 3	...	..
	49·498	+41·301	− 3	...	...
...	49·713	−24·047	− 3	*b*	...
...	49·733	−15·293	0·80	...	...
S †	49·784	+ 5·299	3·30	42.2416	7·5
...	+49·878	+ 2·487	− 3	...	...
...	50·041	−28·327	0·65	...	...
...	50·124	+19·176	− 3	...	...
†	50·439	+ 3·436	1·50	42.2418	9·2
...	50·510	+37·757	− 2	42.2417	10·3
861					
*	+50·682	− 3·550	1·10	42.2419	10·2
...	50·942	−15·399	− 3	*h*	...
*	51·094	−54·263	1·40	43.2516	9·7
...	51·344	−26·483	− 2	...	...
...	51·377	−57·790	− 3	43.2517	10·2
.	+51·680	−44·579	− 3	*e*	...
.	51·779	−16·257	− 2	*e*	...
*	51·780	−53·673	1·15	43.2518	9·9
...	51·857	+39·073	0·75	42.2420	10·3
...	52·318	−56·480	− 3	...	...
871					
S *	+52·567	+19·754	2·80	42.2422	8·4
...	52·667	+49·279	− 3	42.2421	10·3
*	52·831	−55·612	1·45	43.2519	9·5
...	52·900	+40·841	− 3	...	...
...	53·035	+ 5·662	0·80	42.2423	10·3
...	+53·149	−53·147	− 3	...	...
...	53·178	+ 4·131	0·65	...	...
†	53·451	+ 5·187	− 3	...	...
...	53·834	−56·360	0·80	43.2520	10·0
...	53·912	−23·322	− 3	*h*	. .
881					
...	+54·335	− 1·705	− 3	*m*	...
...	54·393	− 3·065	0·90	...	...
...	54·447	−26·575	0·80	...	...
...	54·506	−31·863	− 3	*e*	...
†	54·687	−29·774	0·80	43.2521	10·2
...	+54·871	−25·699	0·70	...	...
...	54·901	+ 2·617	0·90	42.2427	10·3
*	54·994	+30·509	3·40	42.2426	8·4
*	55·081	+30·836	1·60	42.2425	9·2
†	55·288	+53·839	1·80	42.2424	9·4
891					
†	+55·341	− 5·641	1·20	43.2522	9·8
†	55·365	−55·711	2·40	43.2524	8·7
*	55·486	− 8·855	1·65	43.2523	9·0
...	55·799	−50·721	− 3	...	...
...	56·006	− 3·718	− 2	..	...
...	+57·029	−58·633	− 3	43.2527	10·2
S *	57·032	−25·199	1·80	43.2525	9·0
...	57·038	+24·755	0·65	42.2428	10·3
..	57·143	−13·778	0·80	...	...
...	57·249	−30·681	0·65	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
901–910					
901				°	
*	+57·371	−28·292	1·40	43.2526	9·6
...	57·418	+ 3·817	− 3	...	...
...	57·462	+ 5·250	− 3	...	...
*	57·573	+ 4·184	1·40	42.2430	9·8
...	57·657	+15·936	− 3	...	...
...	+57·765	−49·309	0·80	43.2528	10·2
*	57·913	+29·012	1·50	42.2429	9·2
...	58·355	−52·972	− 3	e	...
...	58·393	+ 6·613	− 3	...	...
...	58·535	− 6·719	− 3	e	...
911–917					
911					
...	+58·640	−16·147	− 3	...	...
..	59·101	+20·747	− 3	...	...
...	59·676	+53·848	− 3	42.2431	10·0
*	59·786	+20·475	1·20	42.2432	9·8
‡	59·937	+15·048	1·05	42.2435	10·0
..	+59·953	−12·450	− 3	...	...
...	60·226	−26·908	− 3	e	...

1–40					
1				°	
...	−59·546	−15·435	− 2	...	...
*	59·388	+ 3·292	1·25	42.2418	9·2
...	59·042	+38·973	− 2	42.2420	10·3
...	58·941	− 3·673	0·70	42.2419	10·2
...	58·824	−28·466	− 3	...	...
...	−58·533	+49·197	− 4	42.2421	10·3
...	58·038	+40·757	− 5	...	...
S ‡	57·735	+19·679	2·00	42.2422	8·4
...	57·585	−26·582	− 4	...	...
...	57·452	−16·338	− 5	E	...
11					
*	−56·984	−54·369	1·15	43.2516	9·7
...	56·860	+ 5·602	− 1	42.2423	10·3
...	56·718	−44·673	− 5	E	...
...	56·680	+ 4·071	− 3	...	...
...	56·605	−57·878	− 4	43.2517	10·2
...	−56·443	+ 5·140	− 5	...	...
...	56·325	−53·755	0·90	43.2518	9·9
*	56·013	+53·828	1·35	42.2424	9·4
...	55·696	−56·537	− 5	...	...
*	55·638	+30·502	2·50	42.2426	8·4
21					
*	−55·565	+30·828	1·30	42.2425	9·2
...	55·230	− 3·077	− 2	...	...
*	55·199	−55·639	1·25	43.2519	9·5
...	54·983	−53·195	− 5	...	...
†	54·898	+ 2·617	− 2	42.2427	10·3
...	−54·475	−26·573	− 3	...	...
...	54·260	−31·855	− 5	E	...
*	54·215	− 5·620	1·10	43.2522	9·8
..	54·198	−56·364	0·80	43.2520	10·0
..	54·157	−29·761	− 1	43.2521	10·2
31					
...	−54·072	−25·693	− 3	...	...
*	53·960	− 8·830	1·40	43.2523	9·0
...	53·619	− 3·684	− 3	...	...
...	53·413	+24·816	− 2	42.2428	10·3
*	52·690	−55·667	2·40	43.2524	8·7
*	−52·665	+29·099	1·30	42.2429	9·2
...	52·540	+16·007	− 4	...	...
...	52·488	−13·630	− 5	M	...
...	52·434	+ 3·888	− 4	...	...
...	52·430	+38·053	− 5	...	...
41–80					
41					
..	−52·425	+ 5·315	− 4	.	...
...	52·418	−50·677	− 2	...	...
*	52·272	+ 4·269	1·10	42.2430	9·8
...	52·161	−13·710	0·70	...	...
S ‡	51·937	−25·128	1·30	43.2525	9·0
..	−51·648	+53·978	− 2	42.2431	10·0
...	51·548	−30·594	− 3	...	..
...	51·540	+ 6·715	− 4	...	...
*	51·493	−28·215	1·10	43.2526	9·6
...	51·231	+20·866	− 3	...	...
51					
..	−50·995	− 6·608	− 4	E	...
...	50·937	−58·549	− 4	43.2527	10·2
...	50·832	−37·760	− 5	M	...
...	50·740	+47·200	− 3	42.2434	10·0
S *	50·641	+45·776	2·70	42.2433	8·1
*	−50·617	+52·483	1·10	42.2436	9·7
...	50·602	−16·029	− 3	...	...
*	50·543	+20·608	1·00	42.2432	9·8
...	50·476	−49·209	0·85	43.2528	10·2
*	50·236	+15·199	1·00	42.2435	10·0
61					
...	−50·095	−23·538	− 5	M	..
‡	50·019	+48·244	1·30	42.2437	9·2
†	49·759	−52·839	− 4	E	...
...	49·714	−56·648	− 5	...	...
...	49·475	+48·644	− 5	42.2438	10·3
...	−49·389	−12·283	− 3	...	...
*	48·983	+ 9·417	1·00	42.2439	10·0
...	48·869	+ 4·491	− 5	...	...
α ‡	48·806	− 0·250	1·20	42.2440	9·7
...	48·693	−26·730	− 5	E	...
71					
...	−48·680	−13·737	− 5	M	...
...	48·178	+ 8·352	− 5	...	
...	47·915	−41·396	− 4	B	...
...	47·725	−13·861	0·65	43.2532	10·2
..	47·712	−49·293	− 5	M	...
*	−47·596	+33·297	1·20	42.2441	9·8
*	47·571	−56·251	1·20	43.2529	9·8
*	47·559	−49·391	1·15	43.2530	9·9
...	47·272	+ 1·537	− 4	...	...
...	47·271	+37·628	− 4	...	...
81–120					
81				°	
...	−47·071	+15·068	− 4	...	...
...	46·893	+28·029	− 4	...	...
*	46·866	− 6·601	1·05	43.2533	9·8
.	46·506	+42·470	− 3	42.2442	10·3
..	46·463	+ 7·409	0·70	...	..
..	−46·461	−55·945	− 5	B	...
...	46·379	+16·263	− 4	...	...
*	46·286	−22·854	1·20	43.2534	9·2
...	46·258	+22·419	− 3	...	...
*	46·155	−25·432	1·10	43.2535	9·7
91					
...	−46·122	+16·590	− 4	...	...
..	46·093	− 8·489	− 2	...	..
...	45·987	−25·443	− 5	M	..
...	45·936	−23·047	− 5	M	...
	45·860	−13·155	− 2	...	...
..	−45·762	+15·083	− 1	...	...
.	45·691	−38·408	− 4	B	...
.	45·661	−53·437	− 4	B	..
...	45·616	−34·404	− 5	M	...
..	45·614	+41·252	− 2	42.2443	10·2
101					
...	−45·301	−32·339	− 2	...	...
...	45·135	+36·851	− 1	42.2444	10·2
...	45·072	+ 8·806	− 5	...	...
†	45·014	+35·175	− 3	42.2445	10·3
†	44·811	−23·561	− 5	M	...
.	−44·647	+19·001	− 3	...	...
*	44·431	−11·597	1·15	43.2536	9·6
...	44·406	+19·154	− 4	...	...
..	44·319	+37·337	− 3	42.2446	10·3
..	44·141	− 1·685	− 4	B	...
111					
...	−44·087	−13·987	0·80	43.2537	10·2
.	44·065	−30·558	− 1	...	...
...	44·015	− 3·579	− 2	...	...
*	43·912	+13·257	1·00	42.2447	9·9
...	43·885	−28·340	− 5	M	...
...	−43·677	+34·359	0·95	42.2449	10·2
..	43·677	+ 8·611	− 5	...	...
..	43·625	−52·508	− 2	...	...
...	43·350	+34·558	0·80	42.2450	10·2
...	43·318	−35·518	0·70	43.2538	10·2

S measured from 1, 147, 342, 518, 682, 829.
SB ,, ,, 63, 242, 423, 601, 758, 914.

121–180

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
121					
...	−43·314	−22·365	−5	M	...
*	43·313	+ 0·985	1·00	42.2448	9·9
...	43·265	−47·166	−5	M	...
	43·116	+ 1·570	−4	...	
	43·115	− 9·793	−4	B	
	−43·036	−16·304	−1	..	...
...	42·821	−37·197	−5	M	...
†	42·676	+39·650	−4	...	...
	42·399	−31·037	−2	...	..
...	41·992	+14·276	0·90	42.2451	10·0
131					
..	−41·980	−53·224	−1	...	...
	41·905	−33·952	0·90	43.2539	10·2
...	41·868	+59·508	−2	41.2489	10·2
...	41·758	−13·119	−5	M	...
..	41·738	−18·676	−2	...	
...	−41·652	+28·695	−4	...	
..	41·483	−48·372	−5	M	
...	41·401	−26·084	−1	...	
	40·908	+ 9·161	1·00	42.2452	9·8
...	40·862	+33·461	−5		...
141					
*	−40·574	+13·901	1·10	42.2453	9·8
	40·561	−23·883	0·90	43.2540	10·2
*	40·493	+21·931	1·00	42.2454	10·0
*	40·431	−27·470	1·20	43.2541	9·6
	40·223	+20·930	−5		...
..	−40·109	−32·991	−2	...	...
	39·720	+35·347	−5		
..	39·667	+ 9·132	−2	...	...
	39·543	−43·492	−5	M	..
	39·185	−19·101	0·80	43.2544	10·2
151					
...	−39·483	−40·509	−5	M	...
*	39·424	−33·343	1·20	43.2543	9·5
*	39·277	−42·549	1·20	43.2542	9·6
..	39·266	−15·878	−1	43.2545	10·2
	39·056	−19·742	−2	...	
	−39·031	−32·562	−4		...
	38·924	−52·379	−3		...
..	38·885	−34·538	−5	M	
*	38·808	+33·141	4·00	42.2455	6·6
*	38·339	−46·940	1·10	43.2546	9·6
161					
...	−38·196	+56·901	−3	...	...
..	38·175	−27·894	0·85	43.2547	10·0
..	38·143	− 4·417	−4	...	...
*	37·750	−29·668	1·10	43.2548	9·8
	37·587	−38·484	0·65	..	
*	−37·533	+ 2·385	1·15	42.2456	9·6
	37·518	+21·856	−2	...	...
	37·405	−30·365	−4	...	...
*	37·393	−47·794	1·45	43.2549	8·9
n	37·389	−58·569	0·70	43.2550	8·3
171					
	−37·226	−24·129	−5	M	...
n *	37·125	−58·706	2·20	43.2550	8·3
n	36·981	−58·595	0·75		
...	36·958	−19·294	−2		..
...	36·890	+33·935	−5		
..	−36·866	−22·991	−2		...
...	36·705	−48·516	−5	M	...
*	36·632	−28·793	1·10	43.2551	9·8
...	36·551	−17·165	−1	...	...
...	36·468	+32·231	−2	42.2457	10·2

181–240

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
181					
S *	−36·288	− 2·507	2·60	42.2458	7·6
*	36·085	−51·711	1·10	43.2552	9·6
..	35·957	+27·466	− 2	42.2459	10·2
..	35·906	−22·865	− 2	...	...
...	35·674	−16·520	0·65	43.2553	10·2
...	−35·668	+16·416	0·85	42.2460	10·0
..	35·354	−26·543	− 1	...	...
...	35·289	+55·200	0·75	41.2499	10·0
...	35·278	− 8·638	− 4	B	...
...	35·216	+55·836	− 2	41.2500	10·2
191					
..	−35·089	−21·625	− 4	B	...
...	35·054	+22·282	− 1	42.2461	10·3
	34·919	+37·324	− 5	...	...
	34·844	+18·576	− 5		
...	34·832	− 7·145	− 3	..	...
..	−34·741	+32·070	− 2	..	...
..	34·654	−37·751	− 3	43.2554	10·2
...	34·551	−51·935	− 5	M	...
..	34·393	+ 5·524	0·80	42.2463	10·0
	34·342	+ 9·186	1·20	42.2462	9·2
201					
...	−34·331	+16·919	− 5	...	...
...	34·299	−40·294	− 5	M	...
a †	34·294	− 0·223	0·65	42.2464	10·2
...	34·063	+ 1·581	− 2	...	...
..	34·029	−12·982	0·70	43.2555	10·2
*	−33·915	+39·584	1·60	42.2465	8·8
...	33·784	+36·180	− 5	...	..
...	33·701	−50·235	− 5	M	...
	33·651	−21·640	− 4	A	
..	33·615	+ 5·504	− 5		
211				42.2466	10·3
...	−33·583	+ 5·619	− 4		
n	33·575	−22·844	− 1	43.2556	10·2
...	33·545	+12·406	− 5	...	...
n	33·549	−22·947	− 4	43.2556	10·2
...	33·296	−20·565	− 5	M	...
	−33·159	− 7·760	0·85	43.2557	10·2
...	33·139	+33·578	− 3	...	...
	32·649	−30·983	− 5	M	...
*	32·604	−20·701	1·00	43.2558	10·0
..	32·578	−56·233	− 5	M	...
221					
*	−32·359	+ 4·086	1·05	42.2467	9·8
*	32·165	−42·490	1·10	43.2559	9·8
..	32·054	−42·806	− 2	...	...
...	32·025	−28·294	− 4	A	...
...	31·727	+25·383	− 5	...	...
*	−31·703	− 7·380	1·00	43.2561	10·0
...	31·693	+16·391	− 2	...	...
*	31·552	−57·946	1·05	43.2560	9·8
...	31·453	+ 6·616	− 2	...	...
...	31·441	−35·797	− 1	...	...
231					
...	−31·003	− 6·121	− 5	M	...
...	30·884	+49·996	− 2	42.2468	10·2
	30·872	−43·955	− 4	A	...
..	30·719	−29·515	− 5	M	...
	30·497	+51·506	− 3	42.2469	10·2
*	−30·452	−44·159	1·00	43.2562	9·8
*	30·252	−36·843	1·15	43.2563	9·6
*	30·191	+56·242	1·20	41.2510	9·2
	30·184	+21·666	− 4	...	...
*	30·143	+16·998	1·10	42.2470	9·8

241–300

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
241					
...	−29·977	−48·822	− 3	B	...
..	29·760	−53·010	− 5	M	..
...	29·749	−39·496	− 5	M	...
..	29·631	+52·664	0·70	42.2471	10·2
..	29·608	−18·306	− 4	...	...
*	−29·490	+46·973	1·00	42 2472	9·7
...	29·437	−48·583	− 2	...	...
*	29·387	−56·440	1·00	43.2564	10·2
†	29·129	+34·743	0·90	42.2473	9·9
...	28·983	−18·523	− 4	...	...
251					
...	−28·799	+50·839	0·80	42.2474	9·9
...	28·665	+26·727	− 2	42.2475	10·2
...	28·660	−12·431	− 4	B	...
	28·638	+31·213	− 5	...	...
*	28·587	+ 1·434	1·20	42.2476	9·2
..	−28·486	−47·367	− 4	B	..
...	28·238	+39·816	− 2	...	...
...	28·038	+14·593	− 5	..	...
	28·037	+52·753	0·75	42.2477	10·0
*	27·895	−44·673	1·00	43.2565	10·2
261					
...	−27·834	− 4·530	− 5	M	...
..	27·426	−57·500	− 3	...	...
	27·401	−10·738	0·70	...	...
*	27·368	+24·403	1·20	42.2479	9·4
*	27·306	− 2·407	1·20	42.2478	9·4
...	−27·305	−11·181	0·65	...	...
...	27·261	− 9·474	− 5	M	...
	27·254	+45·581	− 5	...	...
...	27·139	−30·915	− 2	...	...
...	27·029	+55·583	− 4	41.2515	10·3
271					
*	−27·024	+25·468	1·10	42.2482	9·7
*	26·976	+19·182	1·00	42.2481	9·9
*	26·905	+ 1·549	1·00	42.2480	9·8
..	26·859	−24·483	− 4	...	
...	26·826	−51·796	− 2		...
	−26·768	+36·830	− 5	...	...
*	26·680	+ 1·917	1·30	42.2483	9·2
...	26·398	−48·282	− 3	..	...
..	26·313	− 1·137	− 3	..	...
...	26·266	+33·798	− 4		...
281					
S *	−26·136	−41·759	2·48	43.2566	8·0
...	26·088	−23·553	− 5	M	...
...	26·078	− 4·949	0·80	43.2567	10·2
	25·843	+59·081	− 3	...	...
..	25·732	−48·096	− 4	A	...
*	−25·717	−55·981	1·00	43.2568	9·8
...	25·698	+30·411	− 5	...	...
*	25·621	−44·141	1·20	43.2569	9·5
...	25·580	+30·812	− 1	42.2484	10·3
*	25·574	+27·823	1·50	42.2485	9·0
291					
..	−25·502	+12·722	− 1	...	..
...	25·382	−55·782	− 5	M	...
	25·250	−31·926	− 4	...	...
...	25·145	−16·571	− 5	M	...
	24·779	+17·043	− 4	...	...
...	−24·776	+46·305	− 4	...	...
*	24·249	−27·232	1·00	43.2570	10·0
*	24·132	+ 4·338	1·00	42.2486	9·8
*	24·002	+43·506	1·00	42.2487	9·8
...	23·901	− 1·061	− 4	B	...

170, 172, 173. C.P.D., possibly mass.
212, 214. C.P.D., probably mass.

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. 4.	C.P.D. No.	C.P.D. Mag.
301–360					
301					
*	−23·562	−13·558	1·20	43.2571	9·6
*	23·486	+42·015	1·30	42.2488	9·2
...	23·346	+12·986	− 3	...	...
..	23·272	−32·677	− 5	M	...
*	22·871	+27·074	1·00	42.2489	10·2
*	−22·802	−50·456	1·20	43.2573	9·8
...	22·778	− 8·364	− 5	M	...
.	22·682	−33·615	− 5	M	...
*	22·468	−50·722	1·00	43.2574	10·2
*	22·465	+47·523	1·60	42.2490	9·2
311					
...	−22·321	+11·190	− 4	...	...
...	22·286	−28·140	− 3	A	...
...	22·212	−11·854	− 2	...	...
*	22·125	−34·670	1·20	43.2575	9·7
...	22·033	+28·411	− 5	...	...
...	−22·014	+27·891	− 3	.	...
*	22·000	−51·823	1·00	43.2576	9·9
...	21·965	+ 1·282	− 4	...	...
*	21·724	−36·263	1·20	43.2577	9·6
...	21·670	+ 9·997	− 5	A	...
321					
...	−21·634	−15·393	− 3	...	...
...	21·626	+55·146	− 4	...	...
...	21·479	−48·290	− 3	A	...
...	21·420	−14·964	− 5	M	...
...	21·365	+25·411	− 3	42.2491	10·3
...	−21·362	+ 6·571	− 2	...	...
...	21·279	−50·175	− 4	A	...
...	21·237	+21·211	0·65	42.2493	10·3
...	21·172	+13·472	0·90	42.2492	10·2
...	21·092	+32·210	− 4	...	...
331					
...	−21·016	+48·654	− 4	..	...
*	20·964	−58·939	1·05	43.2579	10·0
*	20·747	−28·653	1·25	43.2580	9·6
...	20·527	− 9·802	− 5	M	...
†	20·442	−40·039	− 2	43 2581	10·2
...	−20·288	−25·742	− 3	...	...
*	20·260	+40·252	1·00	42.2494	10·0
*	20·141	−14·537	1·05	43 2582	9·8
†	20·079	+48·269	3·00	42.2495	7·8
*	20·075	−10·293	1·10	43.2583	9·8
341					
†	−19·938	−37·149	1·90	43.2584	8·8
*	19·855	+37·936	1 05	42.2496	9·7
*	19·769	−38·373	1·10	43.2585	9·4
...	19·702	− 2·673	− 3	B	...
*	19·680	− 4·835	2·70	43.2586	8·2
...	−19·647	− 8·993	− 5	M	...
*	19·636	+27·352	1·90	42.2497	8·6
...	19·508	+20·204	− 1	42.2498	10·3
...	19·418	− 9·043	− 5	M	...
...	18·965	−53·765	0·80	...	...
351					
...	−18·757	+49·123	− 4	...	...
*	18·707	−31·897	1·00	43.2587	10·0
..	18·622	+23·876	− 3	...	...
...	18·546	−10·328	− 4	B	...
...	18·122	+38·032	0·75	42.2499	10·0
...	−17·986	−34·384	− 2	43.2588	10·3
...	17·866	−14·576	− 1	...	...
...	17·849	+25·693	− 4	...	...
*	17·444	−53·750	1·00	43.2589	10·3
*	17·229	+56·093	1·00	41.2536	10·0
361–420					
361					
*	−17·203	+41·106	1·1	42.2500	9·7
..	17·127	−28·695	− 1	...	...
†	17·007	+29·783	1·10	42.2501	9·4
*	16·864	+38·800	1·35	42.2502	9·0
.	16·849	−32·609	− 5	M	...
.	−16·846	+57·085	− 5	..	...
...	16·756	−51·380	− 3	...	...
*	16·751	−33·552	1·35	43.2590	9·1
...	16·652	+18·576	− 5	...	...
*	16·416	− 1·352	1·00	42.2503	10·0
371					
...	−15·809	+17·231	− 4	..	...
*	15·610	−32·037	1·90	43.2591	8·8
†	15·576	−20·130	0·65	43.2592	10·2
...	15·466	+42·069	− 5	...	...
...	15·336	−47·977	− 4	B	...
..	−15·139	− 3·601	− 4	A	...
†	15·064	+42·863	0·70	42.2504	9·9
..	14·940	+21·917	0·65	42.2505	10·2
...	14·732	+46·800	0·70	42.2506	10·3
*	14·699	−32·281	1·30	43.2593	9·2
381					
...	−14·667	+30·237	− 5	.	...
...	14·652	−22·972	− 5	M	..
...	14·170	+23·371	− 2	...	...
...	14·087	−10·480	− 3	...	...
...	14·037	+34·084	0·65	42.2507	10·3
...	−13·719	−27·897	− 4	B	...
...	13·717	+16·089	0·80	42.2508	10·2
...	13·694	−28·491	− 3	...	...
*	13·689	−54·112	2·00	43.2595	8·8
...	13·684	−31·992	− 4	...	...
391					
*	−13·546	−37·009	1·00	43.2596	10·0
...	13·516	−49·600	− 3	...	...
...	13·393	+12·511	− 1	42.2509	10·3
...	13·213	+38·839	− 5	...	...
*	13·170	+41·002	1·10	42.2510	9·6
...	−13·107	−31·065	− 5	M	...
...	13·056	+20·589	0·75	42.2511	10·2
..	13·004	− 8·292	− 5	M	...
...	12·879	+31·015	− 5	...	...
...	12·863	+27·611	− 2	...	...
401					
...	−12·778	+30·946	0·90	42.2512	9·9
...	12·590	+32·825	− 5	...	...
...	12·476	− 1·508	− 5	M	...
*	12·388	+22·092	1·15	42.2513	9·4
*	12·133	+37·481	1·15	42.2514	9·4
...	−11·960	−11·034	− 2	...	...
.	11·946	+31·405	− 2	42.2515	10·3
.	11·887	− 7·496	− 5	M	...
...	11·856	+12·544	0·65	42.2516	10·3
...	11·746	−37·144	− 3	...	...
411					
...	−11·611	−15·181	− 5	M	...
*	11·610	+37·909	1·10	42.2517	9·6
...	11·586	+45·924	− 4	...	...
...	11·507	−15·387	0·90	43.2597	9·8
...	11·338	+33·240	− 3	...	...
...	−11·284	+54·570	0·90	42.2518	10·0
...	11·237	+13·210	− 1	42.2519	10·3
...	11·086	+27·644	0·70	42.2520	10·2
*	10·604	− 3·701	1·00	42.2521	9·8
...	10·454	+51·007	− 5	...	...
421–480					
421					
...	−10·200	−20·711	− 4	...	...
...	10·111	−54·607	− 5	M	...
	9·593	+16·719	0·95	42.2522	9·9
.	9·515	−51·948	0·65	...	...
...	9·322	−44·884	− 5	M	...
...	− 9·295	+54·311	− 2	42.2523	10·3
*	9·155	−24·715	1·10	43.2599	9·8
	9·026	+58·146	− 5	.	...
...	8·849	−46·991	− 5	M	...
...	8·797	+ 6·138	0·90	42.2524	10·2
431					
...	− 8·718	+47·329	− 5	...	...
	8·584	−22·711	− 2	...	...
...	8·243	− 6·882	− 2	B	...
...	8·195	+22·517	− 5	...	...
...	8·136	+15·506	− 5	...	...
*	− 8·085	−21·735	1·20	43.2600	9·7
...	7·975	+51·017	− 1	42.2526	10·2
*	7·957	+34·701	1·10	42.2525	9·8
...	7·957	+ 9·450	− 4	...	...
†	7·714	+14·892	− 1	42.2527	10·3
441					
*	− 7·634	−23·024	1·20	43.2601	9·7
*	7·603	+26·667	1·20	42.2528	9·2
S *	7·513	+21·252	1·20	42.2529	9·4
...	7·157	+29·563	0·8	42.2530	10·3
..	7·127	+13·590	− 2	...	...
...	− 6·990	+25·821	− 4	...	...
*	6·956	+ 8·861	1·10	42.2531	9·7
.	6·820	−27·199	1·30	43.2603	9·4
†	6·820	−40·025	− 4	...	...
...	6·670	−19·348	− 5	M	...
451					
.	− 6·646	− 0·560	1·20	42.2532	9·4
...	6·544	−27·900	− 4	A	...
*	6·530	+58·044	1·25	41 2559	9·7
...	6·331	+21·899	− 3	...	...
...	6·284	−50·260	− 4	...	...
..	− 6·268	+ 6·843	− 5	...	...
.	6·243	+ 3·877	1·10	42.2534	9·4
.	6·127	−49·135	− 4	B	...
*	6·103	+37·845	1·25	42.2533	9·2
...	6·006	+36·994	− 5	...	...
461					
...	− 5·880	−33·532	− 5	M	...
...	5·841	+ 3·194	− 4	...	...
...	5·328	−47·609	− 5	M *m*	
.	5·306	−26·371	− 4	B *m*	...
...	5·274	+34·157	− 4	...	
...	− 4·718	+13·066	− 5	*m*	.
..	4·629	−37·267	− 5	M *m*	...
*	4·580	+59·224	1·25	41.2565	9·7
.	4·031	+ 1·198	− 4	*m*	...
...	3·935	+ 8·635	− 3	*m*	...
471					
...	− 3·877	−37·193	− 4	M	...
*	3·712	−41·047	1·15	43.2605	9·8
*	3·654	−43·235	1·50	43.2606	9·3
...	3·598	+38·307	− 3	...	...
*	3·554	+28·906	1·90	42.2535	9·0
	− 3·551	−10·590	− 5	M *m*	...
.	3·378	−38·911	− 3	M	...
*	3·283	+55·753	1·30	41.2571	9·4
...	3·231	−50·397	0·85	43.2607	10·2
*	3·154	+ 8·872	1·00	42.2536	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
481–540					
481					
..	− 3′079	−38′723	− 3	°M	...
...	2·873	− 7·122	− 3	B *m*	...
.	2·740	−18·808	0·90	...	...
†	2·682	+34·843	− 5	...	...
...	2·535	+38·981	− 5	...	..
...	− 2·430	+ 8·820	0·75	42.2537	10·2
...	2·096	+ 6·010	− 5	*m*	...
*	2·073	−53·453	1·90	43.2609	8·8
*	1·847	−33·321	1·20	43.2610	9·9
...	1·786	+59·056	− 5	...	...
491					
*	− 1·729	− 5·735	1·00	43.2611	10·0
..	1·503	+45·846	− 5	...	...
*	1·477	+44·525	1·10	42.2538	9·7
...	1·329	−26·988	− 3	...	...
...	1·299	+ 7·517	0·75	42.2539	10·3
...	− 1·246	+41·669	− 5	...	...
...	1·197	−38·639	− 5	M *m*	...
...	1·177	−47·351	− 1	...	...
...	1·152	+35·870	− 2	...	...
*	1·148	−25·203	1·00	43.2612	10·2
501					
...	− 1·147	−29·862	− 4	A *m*	...
*	0·962	− 8·672	1·00	43.2613	10·2
...	0·856	−43·111	− 2	...	...
*	0·830	+47·150	1·10	42.2540	9·8
...	0·789	+ 6·463	− 5	M *m*	...
...	− 0·620	−14·666	− 5	M *m*	...
...	0·579	−34·919	− 5	M *m*	...
*	0·488	−36·859	1·00	43.2614	10·0
...	0·468	+28·075	− 5	...	...
...	0·443	−44·841	0·70	...	...
511					
...	− 0·427	+18·037	0·90	42.2541	9·9
...	0·392	+25·696	− 5	*m*	...
...	0·261	−31·078	− 2	...	...
...	0·248	+35·442	− 5	*m*	...
...	0·105	−40·417	− 4	M	...
*	− 0·096	−40·857	1·20	43.2616	9·8
†	− 0·062	−16·860	− 3	M	...
‡	+ 0·010	−23·300	1·00	43.2615	9·8
...	0·118	+43·170	− 4	...	...
...	0·239	+35·081	− 5	...	...
521					
...	+ 0·286	+34·272	− 4	...	...
...	0·425	+44·424	− 5	...	...
...	0·469	+37·470	− 4	...	...
...	0·689	+17·203	− 1	42.2542	10·3
*	0·723	−35·517	1·00	43.2617	9·9
...	+ 0·831	−35·254	− 5	M	...
*	0·957	−55·340	1·05	43.2618	9·8
*	1·093	−19·083	1·10	43.2619	9·8
.	1·141	+55·843	− 5	...	...
...	1·309	+58·768	− 4	...	...
531					
*	+ 1·360	− 3·440	1·00	42.2544	9·8
..	1·392	−48·486	0·80	43.2621	10·2
...	1·427	−22·136	− 5	M *m*	...
...	1·463	−43·201	0·65	...	...
*	1·484	+51·932	1·25	42.2543	9·2
*	+ 1·598	− 6·852	1·00	43.2622	9·9
...	2·143	−11·347	− 5	M	...
...	2·156	+ 3·874	− 1	42.2545	10·3
...	2·192	−18·866	− 5	M *m*	...
...	2·293	−31·113	− 4	M	...
541–600					
541					
...	+ 2′787	−38′016	− 2	° ...	...
...	2·871	−29·270	− 2	M	...
...	2·920	+33·630	− 5	...	...
*	2·932	−53·968	1·10	43.2624	10·0
*	3·069	+44·962	1·25	42.2546	9·2
...	+ 3·131	+46·979	− 1	42.2547	10·2
*	3·261	+37·334	1·15	42.2548	9·4
*	3·296	−56·077	1·00	43.2625	10·2
...	3·674	+50·836	0·80	42.2549	10·0
*	3·810	+ 7·932	1·70	42.2550	8·9
551					
...	+ 3·978	+56·163	0·90	41.2582	10·0
*	4·091	−12·393	1·20	43.2626	9·5
*	4·114	− 7·808	1·00	43.2627	9·9
S ‡	4·182	+44·740	3·40	42.2551	6·9
...	4·277	+16·739	− 3	...	...
†	+ 4·458	−30·044	− 1	...	...
...	4·527	−47·530	− 1	...	...
...	4·609	−41·602	0·75	43.2629	10·2
...	4·663	+46·150	− 1	42.2552	10·2
*	4·665	−57·970	1·10	43.2628	9·9
561					
*	+ 4·690	+42·687	1·10	42.2553	9·7
...	4·746	−42·288	− 4	...	...
...	4·834	+22·779	− 4	...	...
...	5·076	+35·805	− 4	...	...
...	5·230	+37·584	0·80	42.2554	10·2
*	+ 5·819	−45·813	1·00	43.2630	10·0
...	5·904	+20·477	− 3	...	...
...	5·940	−16·369	− 5	*m*	...
...	6·152	−42·016	0·85	43.2631	10·2
...	6·185	+47·981	− 4	...	...
571					
...	+ 6·234	+44·316	− 5	...	...
...	6·514	−16·397	− 1	...	...
...	6·609	−45·812	0·90	43.2632	10·2
S *	6·850	−54·326	2·20	43.2633	8·5
...	6·928	−53·985	− 5	...	...
*	+ 7·123	+20·576	1·10	42.2555	9·4
*	7·209	−20·302	1·20	43.2634	9·4
...	7·269	+18·358	− 2	42.2556	10·2
‡	7·351	−35·114	2·70	43.2635	8·3
...	7·503	+15·876	0·85	42.2557	10·0
581					
*	+ 7·742	+20·634	1·15	42.2558	9·4
*	7·847	−49·586	4·50	43.2636	6·4
...	7·927	+ 2·206	− 5	*m*	...
...	7·942	−56·119	0·90	43.2637	10·0
...	7·961	+16·481	− 2	...	...
...	+ 8·464	+36·206	− 2	42.2560	10·3
N	8·533	+54·832	− 1	42.2559	10·0
...	8·657	+56·563	0·70	41.2590	10·2
*	8·782	− 7·927	1·35	43.2639	9·1
...	8·787	−32·137	0·65	43.2638	10·2
591					
...	+ 8·885	−34·524	− 5	...	...
...	8·912	+45·182	− 2	42.2561	10·2
...	8·931	−55·147	− 5	*m*	...
...	8·953	+58·002	− 5	41.2592	10·3
*	9·036	−37·859	1·25	43.2640	9·0
...	+ 9·208	+53·164	− 2	42.2562	10·3
...	9·457	−12·223	0·70	43.2641	10·2
...	9·572	−58·411	− 5	...	...
...	9·766	−16·313	0·70	43.2642	10·2
†	9·968	−43·187	− 3	...	...
601–660					
601					
‡	+10′063	−30′495	1·80	43.2643	8·8
...	10·090	+43·088	− 1	42.2563	10·3
*	10·432	−18·103	1·90	43.2644	8·8
...	10·558	−25·244	− 4	*b*	...
...	10·738	−42·024	− 3	...	..
...	+11·018	+34·639	− 4	...	...
*	11·038	+ 7·741	1·00	42.2564	9·9
...	11·554	−30·492	− 5	...	...
...	11·562	−10·843	0·75	...	...
...	11·692	+16·533	0·70	42.2565	10·3
611					
...	+11·892	+32·596	0·80	42.2566	10·2
...	11·893	+ 4·269	− 5	*m*	...
...	11·968	−47·814	− 3	...	...
...	12·009	+54·036	− 5	...	...
...	12·118	+52·821	− 4	42.2567	10·3
...	+12·251	+37·040	0·65	42.2568	10·3
...	12·439	−30·502	0·80	...	..
...	12·484	+25·709	0·75	42.2570	10·2
*	12·530	+32·197	1·00	42.2569	10·0
...	12·728	+37·550	− 4	...	...
621					
S α *	+12·747	+ 0·055	2·45	42.2571	8·0
...	12·835	−47·068	− 1	...	...
...	12·995	−39·391	0·75	...	...
...	13·056	+20·680	− 2	...	...
*	13·238	−45·893	2·45	43.2645	8·0
...	+13·253	−35·922	0·65	...	...
...	13·255	+37·818	− 3	...	...
...	13·292	−53·027	0·75	...	...
*	13·336	+50·014	2·00	42.2572	8·5
...	13·468	+33·575	− 5	*m*	...
631					
*	+13·482	+18·882	1·00	42.2574	9·9
*	13·545	+35·279	1·05	42.2573	9·8
†	13·580	+ 9·811	0·75	42.2575	10·0
...	13·969	−36·188	− 2	...	...
...	14·391	−56·491	− 5	...	...
...	+14·423	−36·671	− 3	.	...
*	14·500	+26·571	1·10	42.2576	9·8
...	14·675	−28·635	0·65	...	...
...	14·699	+ 3·093	0·65	...	...
†	14·836	+ 8·905	− 3	...	...
641					
...	+15·246	− 1·205	− 5	*m*	...
...	15·401	−59·369	− 5	*b*	...
...	15·540	+25·653	− 5	...	...
...	15·657	+48·412	− 1	42.2577	10·2
*	15·671	+39·081	1·10	42.2578	9·8
...	+16·352	−36·650	− 4	*b*	...
...	16·472	−28·921	− 4	...	...
...	16·588	+13·896	− 2	...	...
*	16·612	−57·834	1·80	43.2650	8·9
...	16·644	−43·716	− 4	...	...
651					
.	+16·744	+56·802	0·75	41.2615	10·2
*	16·850	−25·608	1·05	43.2649	9·9
...	16·874	+10·188	− 5	*m*	...
...	16·902	+ 2·693	− 4	...	...
*	17·501	+32·983	1·10	42.2579	9·7
*	+17·636	−58·649	1·20	43.2651	9·6
...	17·646	−27·642	− 4	...	...
...	17·692	− 9·972	− 5	*m*	...
...	17·736	+47·635	− 4	...	...
*	17·801	+42·771	1·30	42.2580	9·2

58′. 42°·52. two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
661–720					
661					
*	+18·054	+17·409	1·25	42.2583	9·0
...	18·082	+37·748	− 4	...	...
*	18·208	+51·625	1·00	42.2582	9·8
...	18·246	+49·548	− 2	42.2581	10·3
...	18·286	+36·623	− 5	...	...
*	+18·438	+52·422	1·20	42.2584	9·6
*	18·514	−57·511	1·90	43.2653	8·9
...	18·518	−19·082	0·90	43.2652	10·2
*	18·560	+38·870	1·00	42.2585	9·8
...	18·569	− 8·809	− 5	*m*	...
671					
*	+18·711	+45·945	1·30	42.2586	9·6
...	18·810	+55·981	0·95	41.2619	10·2
...	18·959	+ 7·506	− 2	...	...
*	19·060	−56·235	1·20	43.2654	9·6
*	19·292	+ 7·877	1·20	42.2587	9·2
...	+19·330	+55·223	− 3	41.2623	10·3
...	19·461	+33·919	− 5	...	...
..	19·490	+53·655	− 4	...	...
...	19·508	+19·732	− 5	...	...
..	19·753	+31·662	0·80	42.2588	10·2
681					
†	+19·861	+15·136	− 3	42.2589	10·3
...	19·973	+ 7·642	− 3	...	...
...	19·982	−21·328	0·65	43.2656	10·2
..	20·011	−16·284	0·65	...	...
...	20·022	+ 3·251	− 3	...	...
*	+20·033	−10·803	1·05	43.2655	9·7
*	20·418	−33·708	1·00	43.2657	10·0
*	20·470	+15·199	1·25	42.2590	9·2
*	20·526	−20·108	1·10	43.2658	9·6
...	20·612	− 9·658	0·90	43.2659	9·8
691					
S *	+20·709	+ 9·614	2·00	42.2591	8·6
...	20·905	− 1·051	0·65	42.2592	10·3
...	20·932	+34·100	− 5	...	...
*	21·380	+41·380	2·00	42.2593	8·4
*	21·446	−42·595	1·40	43.2660	9·3
...	+21·512	+19·059	0·70	42.2595	10·2
...	21·680	+36·716	− 5	...	...
...	21·708	+45·885	0·80	42.2594	10·2
*	22·129	+25·558	1·30	42.2596	9·0
...	22·220	− 2·344	− 3	...	...
701					
...	+22·386	+ 7·100	− 4	...	...
...	22·400	− 1·125	− 2	...	...
*	22·430	+58·141	1·10	41.2627	9·7
...	22·702	+16·294	− 5	...	...
*	23·082	−36·311	1·70	43.2661	9·1
...	+23·086	+11·769	0·80	42.2597	10·2
*	23·305	+10·379	1·00	42.2599	10·0
...	23·337	− 5·161	− 5	*m*	...
*	23·686	+32·638	1·00	42.2598	10·0
...	23·691	+19·190	− 5	*m*	...
711					
...	+23·795	+11·226	− 1	42.2600	10·3
*	23·943	+10·814	1·00	42.2601	9·8
...	24·164	+ 1·044	− 4	...	...
...	24·738	−45·631	− 5	*b*	...
†	24·887	− 6·479	0·80	43.2662	9·9
...	+25·088	− 8·618	− 4	...	...
*	25·095	+ 9·560	1·45	42.2602	8·9
*	25·230	−32·627	1·10	43.2663	9·9
...	25·295	− 3·693	0·80	42.2603	10·2
...	25·663	− 9·092	0·80	43.2664	10·2
721–780					
721					
...	+25·756	−51·454	− 5	...	...
...	25·796	+55·902	− 3	41.2631	10·2
..	25·800	−41·928	0·80	43.2665	10·2
...	25·823	+27·637	− 3	...	...
*	26·115	+57·640	1·20	41.2633	9·6
*	+26·225	− 2·081	1·05	42.2604	9·8
...	26·315	−50·803	0·85	43.2666	10·2
†	27·034	−54·934	− 4	...	...
...	27·119	+43·936	− 5	...	...
...	27·182	+45·887	− 2	42.2605	10·2
731					
...	+27·227	+23·083	− 2	42.2607	10·3
...	27·231	+33·114	0·90	42.2606	10·0
..	27·239	−53·690	− 3	...	...
*	27·439	+39·115	1·00	42.2608	9·9
...	27·468	+21·242	− 4	...	...
†	+27·695	+ 9·944	1·00	42.2609	9·9
..	27·822	−11·925	− 4	...	...
*	27·850	−17·702	1·00	43.2667	10·2
...	27·909	+ 2·869	0·75	42.2610	10·3
.	28·045	+ 9·963	1·30	42.2611	9·0
741					
...	+28·213	+17·431	− 3	..	...
...	28·253	+55·102	− 3	41.2637	10·3
...	28·374	−13·906	− 2	...	...
*	28·584	+35·201	1·05	42.2612	9·8
...	28·607	− 9·693	− 2	...	...
...	+28·781	+26·268	− 4	...	...
...	28·789	−57·952	− 3	...	...
...	28·905	+ 6·098	0·80	42.2613	10·3
...	28·938	+31·017	− 5	..	...
..	28·973	+59·250	− 5	...	...
751					
...	+29·059	+25·121	0·80	42.2614	10·3
...	29·205	+ 4·570	− 5	*m*	...
...	29·551	+29·564	− 5	...	...
*	29·628	+28·643	1·10	42.2615	9·6
...	29·746	+13·151	− 5	*m*	...
...	+29·765	+ 4·267	− 5	*m*	...
...	29·833	− 9·263	− 5	...	...
...	29·991	+39·556	− 2	...	...
...	30·001	+15·582	− 4	...	...
*	30·160	+ 1·356	1·10	42.2617	9·7
761					
*	+30·266	+44·242	1·05	42.2616	10·0
...	30·627	+19·763	0·80	42.2618	10·3
...	30·829	−44·226	− 5	*m*	...
...	30·903	+10·241	− 3	...	...
...	30·947	−49·823	− 2	...	...
...	+31·107	+58·886	− 2	41.2644	10·2
...	31·193	+15·039	0·70	...	...
...	31·412	+44·552	− 4	...	...
...	31·524	+51·701	− 5	...	...
...	31·564	+21·672	− 3	...	...
771					
...	+31·872	− 3·860	0·85	42.2619	10·3
...	32·577	+15·620	− 4	...	...
...	32·585	−38·490	− 5	*m*	...
...	32·733	−39·755	− 5	*m*	...
...	32·767	−27·562	0·75	43.2669	10·2
*	+32·777	−25·211	1·15	43.2668	9·7
...	32·854	+15·521	− 4	...	...
...	32·930	+32·313	0·65	42.2620	10·2
*	33·177	−38·063	1·10	43.2670	9·9
...	33·239	− 1·866	− 3	*a*	...
781–840					
781					
...	+33·301	+ 1·044	− 5	*m*	...
S *	33·385	+53·454	1·35	42.2621	9·2
.	33·509	−31·702	− 2	...	...
*	33·515	− 2·014	1·20	42.2624	9·6
...	33·579	+23·519	0·65	42.2622	10·3
*	+33·746	+56·423	1·00	41.2647	9·9
*	33·806	+ 9·128	1·00	42.2625	10·3
...	33·851	+36·830	− 2	...	...
...	33·907	−49·340	− 5	*c*	...
*	33·923	−24·129	1·40	43.2671	9·1
791					
...	+33·943	−37·848	− 4	...	...
...	33·958	− 9·085	− 4	*b*	...
...	33·998	−50·285	− 5	*a*	...
...	34·049	+ 3·357	0·85	...	...
*	34·063	+41·274	1·00	42.2623	9·8
...	+34·360	+28·382	− 3	...	...
...	34·473	−58·222	0·75	...	...
*	34·655	−31·282	1·20	43.2672	9·6
...	34·669	+45·459	− 5	..	...
*	34·725	−34·863	1·10	43.2673	9·6
801					
*	+34·914	+52·710	1·05	42.2626	10·0
...	35·190	−20·309	− 3	*a*	...
.	35·525	+34·937	1·00	42.2627	9·8
...	35·684	−55·353	− 5	*m*	...
*	36·183	−15·781	1·30	43.2675	9·2
...	+36·304	−34·653	− 5	...	...
...	36·623	−19·699	0·70	...	...
*	36·642	−31·405	1·60	43.2676	8·8
...	36·919	+46·085	0·95	42.2628	10·0
*	37·116	−29·168	2·00	43.2677	8·5
811					
...	+37·167	−59·233	− 5	*m*	...
..	37·278	− 5·172	− 4	...	...
...	37·753	+48·017	− 4	...	...
...	37·854	+24·310	0·70	42.2629	10·2
...	37·871	+ 3·791	− 1	...	...
...	+37·912	+53·678	− 5	...	...
*	37·942	+27·450	1·20	42.2630	9·4
.	38·044	+28·667	− 5	...	...
...	38·135	+14·239	0·70	42.2631	10·3
*	38·184	−39·817	1·00	43.2679	10·2
821					
...	+38·423	+33·439	− 5	...	...
*	38·577	+36·759	1·50	42.2632	9·0
*	38·697	−46·931	1·10	43.2680	9·8
...	38·705	−42·191	− 5	*m*	...
...	39·033	+ 0·648	− 1	...	...
*	+39·256	−26·277	1·10	43.2681	9·7
†	39·708	+35·515	− 4	42.2633	10·3
...	39·807	−25·655	1·05	43.2682	9·8
...	39·943	−15·304	− 2	...	...
...	40·015	−32·766	− 3	...	...
831					
...	+40·120	−16·282	− 2	...	...
†	40·132	+ 4·880	− 4	...	...
...	40·229	+ 5·623	− 4	...	...
...	40·350	−31·917	0·70	43.2683	10·2
...	40·362	−48·796	− 2	...	...
...	+40·899	+ 9·604	0·70	42.2634	10·3
...	41·192	+19·348	0·85	42.2635	10·3
...	41·311	+25·536	− 4	...	...
...	41·455	+10·573	0·75	42.2636	10·3
..	41·535	+36·807	− 5	...	...

841–890

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
841					
...	+41·942	− 5·734	− 4	...	...
..	41·759	+ 7·985	− 5	...	..
..	41·891	+31·661	− 3	...	...
...	42·116	+22·406	− 3	...	...
*	42·187	−35·733	2·90	43.2684	8·0
*	+42·212	−51·023	1·10	43.2685	9·7
...	42·443	+53·527	− 5	42.2637	10·3
..	42·445	−12·676	− 2	...	...
...	42·533	+50·014	− 4	42.2638	10·3
...	43·012	−43·439	− 2	...	...
851					
...	+43·139	−19·786	− 5	〃	...
...	43·234	+40·853	− 2	42.2639	10·2
..	43·267	+10·058	− 5	..	...
*	43·273	−23·315	1·00	43.2686	10·2
...	43·289	−56·133	− 3	43.2687	10·2
.	+43·317	+ 6·095	0·85	42.2641	10·3
*	43·415	+10·608	1·00	42.2640	9·9
*	43·541	−52·774	1·05	43.2688	9·7
	43·677	+32·133	− 4	...	...
..	43·993	+37·957	− 5	...	...
861					
..	+44·044	+25·745	0·85	42.2642	10·0
...	44·098	+ 4·358	− 5	〃	...
	44·124	−33·515	− 1	43.2689	10·2
.	44·187	+41·265	− 2	42.2643	10·0
..	44·331	+24·131	− 1	42.2644	10·3
*	+44·466	+ 2·187	1·30	42.2645	9·0
*	44·684	−28·686	1·00	43.2691	10·0
*	44·846	+36·100	− 5	...	...
*	44·937	−16·505	1·00	43.2690	9·8
..	44·967	−21·426	− 5	〃	...
871					
*	+44·991	−28·805	1·15	43.2692	9·8
	44·999	+11·748	0·80	42.2647	10·2
...	45·059	−24·055	− 5	〃	...
...	45·093	−19·915	− 2	...	...
.	45·294	−30·609	− 5	〃	...
*	+45·352	+32·860	1·25	42.2646	9·2
...	45·689	+48·055	− 1	42.2648	10·0
...	45·715	−19·612	0·70	...	...
*	45·717	+43·172	1·25	42.2649	9·2
...	45·825	+ 1·980	− 5	..	...
881					
...	+45·919	+42·749	− 5	...	..
*	46·095	−41·369	1·6	43.2694	9·0
.	46·241	+ 0·772	− 5	〃	..
*	46·266	−13·968	1·15	43.2693	9·7
S *	46·357	−42·493	2·70	43.2695	8·3
*	+46·440	−57·742	2·00	43.2696	8·8
..	46·639	+ 4·056	− 4	..	...
	46·791	+ 6·111	2·20	42.2652	8·1
	46·949	+33·374	− 3	42.2650	10·3
.	47·091	+10·606	− 5	〃	...

891–940

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
891					
...	+47·122	+34·247	− 4	42.2651	10·3
...	47·348	+33·711	− 5	42.2653	10·3
...	47·473	+24·207	− 5	...	...
*	47·695	+56·585	1·10	41.2669	9·7
*	47·724	+44·008	1·05	42.2654	9·7
*	+47·724	− 1·885	1·10	42.2656	9·8
...	48·075	+36·212	0·65	42.2655	10·3
...	48·283	+ 8·932	− 4	...	...
..	48·422	−41·372	− 4	...	...
...	48·574	+ 8·678	0·85	42.2657	10·3
901					
...	+48·610	−16·587	− 1	...	...
..	48·788	−29·186	0·65	43.2698	10·2
...	48·990	−31·689	0·65	...	...
.	49·003	− 9·061	− 4	...	...
*	49·071	−11·686	1·00	43.2697	9·8
..	+49·088	+ 6·809	− 3	...	..
*	49·220	−54·048	2·00	43.2702	9·0
*	49·293	− 5·434	2·20	43.2699	8·5
..	49·345	− 9·751	0·85	43.2700	10·0
...	49·407	−17·558	− 4	〃	...
911					
...	+49·421	+ 1·231	0·65	42.2658	10·3
..	49·431	+33·137	− 4	...	...
.	49·795	−41·457	− 5	...	...
.	49·911	− 8·962	1·25	43.2701	9·4
...	50·033	+21·845	− 2	42.2659	10·3
*	+50·136	−58·326	1·10	43.2704	9·8
*	50·248	−12·058	1·10	43.2703	9·7
...	50·387	+31·497	− 5	...	...
	50·534	+21·846	− 1	42.2660	10·3
...	50·708	−37·313	− 3	...	...
921					
...	+51·004	+13·733	− 5	...	...
...	51·045	+ 8·922	− 5	...	...
*	51·113	−26·271	1·10	43.2705	9·8
.	51·182	−26·671	− 2	...	...
.	51·226	+ 4·808	− 4	...	...
...	+51·284	−15·309	− 3	...	...
S *	51·383	−20·976	2·48	43.2706	7·8
...	51·466	+ 7·660	− 3	...	...
...	51·471	−41·993	− 3	...	...
*	51·637	+15·192	1·05	42.2662	9·8
931					
...	+51·639	+13·518	0·65	42.2663	10·3
*	51·676	− 7·875	1·00	43.2707	10·2
.	51·752	+47·514	0·70	42.2661	10·0
.	52·015	− 9·191	− 3	...	...
.	52·292	−30·714	0·90	43.2708	10·0
...	+52·582	+35·744	− 3	...	...
..	52·638	− 7·137	− 4	...	...
*	52·722	−24·089	1·35	43.2709	8·8
...	52·842	−29·251	0·70	43.2710	10·2
...	53·117	− 1·675	− 5	〃	...

941–987

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
941					
...	+53·120	−39·726	− 3	...	...
...	53·362	+21·197	− 5	...	...
.	53·542	+ 9·826	− 5	...	...
...	53·557	− 9·942	− 5	e	...
..	53·733	−39·410	− 2	...	..
*	+53·752	−19·786	1·00	43.2711	9·8
..	53·806	− 9·239	− 5	e	...
*	53·880	+15·455	1·80	42.2666	8·6
...	53·908	− 3·330	− 5	e	...
*	53·940	−19·389	1·30	43.2712	9·4
951					
*	+53·951	+29·017	1·45	42.2665	8·9
...	53·962	−21·468	− 3	...	...
...	54·113	−18·665	− 4	...	...
...	54·158	+45·261	0·85	42.2664	9·9
.	54·500	−47·353	0·95	43.2713	10·2
*	+55·300	−24·274	1·00	43.2714	10·2
*	55·342	−29·598	1·30	43.2715	9·6
..	55·361	+ 4·547	0·70	42.2667	10·3
	55·612	+11·058	0·65	42.2668	10·3
*	56·302	−58·883	1·30	43.2717	9·4
961					
S *	+56·371	+33·685	2·05	42.2670	8·8
	56·392	+18·751	1·90	42.2671	8·6
	56·614	−31·476	− 4	...	...
.	56·622	+10·279	− 5	...	...
*	56·629	+46·958	1·20	42.2669	9·8
S *	+56·941	+42·131	2·40	42.2672	8·4
*	56·977	−23·792	1·20	43.2719	9·4
	57·242	− 6·860	1·80	43.2718	8·7
..	57·670	−41·339	− 3	...	...
*	57·993	+24·224	1·15	42.2673	9·7
971					
..	+58·090	−26·469	− 3	...	...
...	58·219	+ 9·380	− 3	...	...
*	58·236	+13·163	1·10	42.2674	9·8
*	58·236	−50·362	1·30	43.2720	9·5
	58·291	+11·282	− 4	..	...
...	+58·450	−37·348	− 5	...	.
...	58·659	+13·062	− 4	...	..
.	58·701	+19·187	− 5	...	..
*	58·982	−20·307	1·00	43.2721	10·2
...	59·150	−27·854	− 5		
981				43.2722	10·2
..	+59·180	−27·796	− 3		
*	59·204	+ 6·553	1·30	42.2676	9·2
...	59·269	+15·661	− 4	...	...
...	59·281	+13·138	− 2	...	...
...	59·410	−12·954	− 3	...	...
*	+59·480	−27·666	1·10	43.2723	10·0
*	59·529	+20·336	1·00	42.2675	10·0

1–60

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
1					
...	−59·848	+21·716	− 1	42.2660	10·3
...	59·805	−31·848	1·00	...	...
...	59·786	−17·691	− 4	E	...
+	59·555	− 9·104	1·90	43.2701	9·4
...	59·461	+47·875	− 5	M	...
*	−59·404	+47·409	1·05	42.2661	10·0
...	59·160	+13·623	− 3	...	...
*	59·120	−12·176	1·10	43.2703	9·7
..	58·937	+ 8·810	− 3	...	...
...	58·902	−17·456	− 5	M	..
11					
*	−58·887	−54·199	2·00	43.2702	9·0
...	58·688	−41·593	− 4	...	...
...	58·644	+ 4·703	− 4	...	...
*	58·547	+15·089	1·00	42.2662	9·8
...	58·532	−15·018	− 5	M	...
*	−58·501	+13·420	1·00	42.2663	10·3
...	58·498	+ 7·569	− 1	..	..
...	58·358	+20·467	− 5	M	.
...	58·209	+35·676	− 1	...	
...	57·991	−15·407	0·95	...	.
21					
...	−57·918	−37·417	− 1	...	..
...	57·871	+ 9·018	− 4	M	..
*	57·843	−58·448	1·15	43.2704	9·8
*	57·827	−26·370	1·15	43.2705	9·8
*	57·820	− 7·958	1·00	43.2707	10·2
...	−57·759	−26·771	− 2	...	...
S *	57·696	−21·079	3·00	43.2706	7·8
...	57·442	− 9·265	− 3	...	..
...	57·367	+19·412	− 5	M	...
...	57·187	− 7·566	− 5	M	..
31					
...	−57·015	−42·081	− 2	...	...
...	56·988	+21·152	− 4	...	...
*	56·933	+45·236	1·05	42.2664	9·9
...	56·878	− 7·199	− 2	...	...
...	56·800	+49·528	− 5	M	...
*	−56·637	+28·984	2·00	42.2665	8·9
...	56·626	+50·954	− 4	...	...
...	56·611	+ 3·741	− 5	...	..
...	56·574	− 1·724	− 5	E	..
...	56·545	+ 9·232	− 4	M	.
41					
*	−56·529	−30·776	1·00	43.2708	10·0
†	56·499	+ 9·780	− 4	...	.
...	56·450	− 7·003	− 5	M	..
...	56·423	+17·650	− 5	M	..
...	56·348	+ 1·548	− 5	M	...
*	−56·310	+15·421	2·20	42.2666	8·6
*	56·290	−24·151	2·20	43.2709	8·8
...	56·168	−26·948	− 5	M	..
...	56·028	−29·301	1·00	43.2710	10·2
...	55·892	− 2·312	− 4	M	.
51					
...	−55·891	− 9·972	− 3	E	..
...	55·850	+50·262	− 5	..	..
...	55·735	− 3·346	− 4	E	...
...	55·655	− 9·268	− 3	E	...
...	55·653	−23·357	− 5	M	...
...	−55·650	+ 9·508	− 4	M	...
...	55·420	−39·760	− 2	...	...
*	55·383	−19·798	1·00	43.2711	9·8
*	55·219	−19·404	1·70	43.2712	9·4
...	55·137	−21·484	− 1	...	...

61–120

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
61					
...	−55·073	−18·658	0·65	..	..
*	54·831	−39·421	1·00	...	...
..	54·742	+29·123	− 3	..	...
.	54·687	+49·558	− 4	...	..
*	54·515	+ 4·562	0·90	42.2667	10·3
*	−54·502	+46·998	1·30	42.2669	9·8
+	54·459	+11·283	0·95	42.2668	10·3
S *	54·367	+33·717	2·10	42.2670	8·8
...	54·356	+ 3·704	− 5	M	...
...	54·268	−26·831	− 4	M	..
71					
...	−54·179	+53·124	− 3	...	...
†	54·116	−10·057	− 4	M	...
S *	54·041	+42·174	2·80	42.2672	8·4
*	53·888	+18·792	2·10	42.2671	8·6
...	53·825	−47·338	0·95	43.2713	10·2
*	−53·700	−24·247	1·00	43.2714	10·2
..	53·634	+20·754	− 5	...	
*	53·513	−29·560	1·80	43.2715	9·6
...	53·412	+10·351	− 2	..	...
...	52·991	+11·667	− 4	M	...
81					
...	−52·881	+39·013	− 3	..	...
...	52·572	−50·600	− 5	M	...
	52·463	+24·309	1·10	42.2673	9·7
...	52·319	+ 9·180	− 5	M	...
	52·286	− 6·796	2·10	43.2718	8·7
...	−52·178	−31·413	− 3	...	...
†	52·167	−44·968	− 5	M	...
...	52·052	+16·862	− 3	.	...
*	52·043	−23·713	1·80	43.2719	9·4
...	51·969	−29·443	− 4	A	...
91					
*	−51·894	+13·264	1·25	42.2674	9·8
...	51·808	+ 9·478	0·75	..	...
...	51·779	+11·386	0·65	...	...
...	51·740	− 2·998	− 5	M	...
+	51·681	−58·824	1·90	43.2717	9·4
...	−51·620	+19·297	− 2	...	...
...	51·450	+13·181	− 4	...	...
...	51·368	+20·046	− 3	...	...
*	51·137	+56·519	1·20	41.2690	9·9
*	50·937	+15·800	0·95	..	...
101					
...	−50·897	+55·869	− 5	M	...
...	50·861	−26·356	0·65	...	...
...	50·845	−41·247	0·70	..	...
*	50·844	+13·276	0·90	...	..
*	50·820	+20·473	1·00	42.2675	10·0
...	−50·804	+27·286	− 4	...	...
...	50·755	+18·614	− 4	M	..
*	50·727	+ 6·690	1·80	42.2676	9·2
...	50·641	+17·233	− 5	M	...
...	50·611	+53·890	− 5	M	...
111					
...	−50·532	+ 1·701	− 3	M	...
...	50·490	+17·217	− 4	M	.
...	50·371	−43·118	− 4	A	..
..	50·311	− 4·244	− 5	M	..
..	50·227	+51·159	− 3	...	..
...	−50·182	− 0·283	− 4	β	..
...	50·177	−37·215	− 3	...	...
‡	50·144	−20·173	1·00	43.2721	10·2
‡	50·008	−50·250	1·90	43.2720	9·5
†	49·943	−12·808	− 2	...	...

121–180

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
121					
†	−49·931	+ 7·015	− 5	M	...
	49·756	−27·714	− 4	43.2722	10·2
...	49·726	−27·641	− 3		
	49·718	− 4·084	− 2	...	...
†	49·709	− 5·175	− 1	..	...
.	−49·660	− 9·783	1·00	42.2677	10·2
+	49·518	+16·448	1·00	42.2678	10·0
.	49·436	+47·842	− 5	...	...
	49·429	−27·503	1·00	43.2723	10·0
...	49·250	+41·589	0·95	..	...
131					
*	−49·225	+47·378	2·00	42.2680	9·2
.	49·162	+36·991	− 5	M	..
n *	49·089	+ 5·374	0·95	42.2679	10·0
†	49·053	+44·778	− 5	M	..
	49·013	+33·186	− 3	...	...
n *	−48·949	+ 5·280	0·90	42.2679	10·0
*	48·843	+51·509	1·00	42.2682	10·0
.	48·796	+47·491	− 5	...	...
*	48·641	+51·124	1·10	42.2683	9·9
..	48·597	−52·119	− 5	M	...
141					
	−48·525	+ 2·582	1·00	42.2681	10·0
	48·120	−40·334	− 3	A	.
...	47·834	+ 0·797	− 5	M	...
.	47·800	− 3·525	− 5	M	...
	47·737	− 9·186	− 5	M	
	−47·505	+22·739	0·65	...	
	47·408	+33·222	− 5	M	..
..	47·381	+ 7·764	− 2	..	.
..	47·335	+22·396	− 5	M	...
..	47·318	−47·124	− 1	43.2724	10·2
151					
...	−47·293	−30·172	− 4	M	...
.	47·026	+20·142	− 4	...	...
...	47·009	−54·828	− 5	M	...
.	46·997	+34·543	− 5	M	.
.	46·913	+25·583	− 4	...	...
*	−46·911	+15·498	1·10	42.2684	9·8
.	46·351	+56·992	− 1	41.2701	10·3
*	46·229	−13·285	1·00	..	..
.	46·158	+17·010	0·85	...	...
...	46·155	+49·162	− 3	...	...
161					
...	−46·122	+44·033	− 5	M	
	46·061	+54·976	− 4	...	..
..	46·047	−56·833	− 5	...	.
	45·994	−41·569	− 5	M	...
.	45·940	−56·745	− 5	M	...
...	−45·848	+13·729	− 4	M	.
...	45·842	+31·814	− 3	...	...
...	45·793	+39·903	− 5	M	.
...	45·489	−34·505	− 2	...	.
...	45·416	− 9·920	− 5	M	
171					
...	−45·385	+48·807	− 1	...	..
†	45·052	+45·761	− 1	42.2685	10·0
†	45·029	−44·022	− 4	...	...
†	45·006	+ 4·769	− 3	...	...
...	44·915	+ 8·126	0·70	...	...
..	−44·872	+35·407	− 5	M	...
*	44·863	+32·221	1·70	42.2686	9·4
...	44·847	+51·165	− 3	..	...
...	44·619	+25·894	− 3	..	..
...	44·550	+56·730	− 5	M	.

L measured from 1, 120, 257, 376, 508, 638, 770, 903, 1019, 1145, 1273, 1398.
MC ,, ,, 62, 175, 309, 438, 566, 703, 834, 961, 1080, 1201, 1315, 1404.

133, 136. C.P.D., probably mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
181–240					
181					
..	−44·522	−14·959	− 4	M	...
:	44·429	−40·359	2·10	43.2725	8·8
*	44·102	−24·547	0·90	...	...
*	44·075	+36·503	1·10	42.2687	9·7
..	44·059	+46·799	− 2	..	...
...	−44·007	− 9·027	− 1	...	...
...	43·973	+ 8·842	− 3	...	...
...	43·875	+34·069	− 5	M	...
.	43·863	+37·012	0·90	42.2688	10·2
...	43·692	−42·142	− 3	A	...
191					
*	−43·682	+36·099	0·95	42.2689	9·9
.	43·561	−39·355	− 5	M	...
...	43·500	− 1·107	0·70	...	...
..	43·481	−22·480	− 1	...	..
...	43·443	−33·726	0·80	...	..
...	−43·420	−20·185	− 2	A	...
...	43·408	+25·758	0·95	42.2690	10·3
...	43·405	+29·506	− 4	...	...
..	43·337	+16·410	− 4	M	...
...	43·282	−43·429	− 3	A	..
201					
...	−43·157	−38·254	− 5	M	...
...	43·083	−12·723	− 5	M	...
*	43·082	− 8·465	2·00	43.2727	9·1
†	43·065	+49·648	− 5	M	...
..	43·033	−25·895	− 5	M	..
...	−42·831	−17·717	− 3	B	...
...	42·823	+49·128	− 5	M	...
*	42·744	−50·879	2·00	43.2726	9·0
...	42·665	+16·460	− 4	M	...
...	42·658	+20·717	− 3	A	...
211					
*	−42·371	+35·570	0·95	42.2694	10·0
...	42·369	+ 1·031	− 3	A	...
...	42·345	+27·352	− 4	...	...
*	42·344	+30·221	1·60	42.2691	9·4
*	42·278	+29·467	1·60	42.2692	9·7
...	−42·235	+16·776	0·65	...	...
...	42·081	− 8·887	− 3	...	..
...	42·049	−14·229	− 4	M	..
...	42·039	−13·403	− 4	M	...
...	41·989	+21·186	− 3	...	...
221					
*	−41·968	−10·356	0·85	...	..
.	41·903	+32·602	0·70	...	...
*	41·849	−33·496	1·20	43.2728	9·8
*	41·805	+ 8·606	0·90	42.2693	10·2
.	41·756	+54·391	− 3	...	...
.	−41·551	+ 1·564	0·65	...	...
.	41·487	− 4·883	− 2	...	...
.	41·425	+ 1·063	− 3	A	...
...	41·399	−37·147	− 4	M	...
S *	41·390	−55·753	3·00	43.2729	8·0
231					
*	−41·2[illegible]1	+ 6·167	0·95	42.2695	10·3
...	41·119	− 7·325	− 3	M	...
...	41·099	−36·360	− 5	M	...
...	41·033	−19·557	− 4	M	...
*	41·[illegible]13	+34·465	1·00	42.2696	10·0
...	−40·941	−5·[illegible]121	− 3	A	...
..	40·932	+15·[illegible]78	− 3	...	...
...	40·[illegible]27	− 3·630	− 4	M	...
...	40·888	−29·813	− 5	M	...
...	40·783	− 2·912	− 5	M	...
241–300					
241					
...	−40·743	+27·932	− 4	..	...
*	40·743	+10·270	1·20	42.2697	9·8
*	40·722	−57·900	2·10	43.2732	8·8
..	40·603	−12·566	− 4	M	...
*	40·596	+49·121	1·05	42.2699	10·0
...	−40·583	+13·496	− 3	...	...
...	40·531	+49·380	0·85	42.2698	10·0
†	40·512	+34·706	0·90	42.2700	10·2
.	40·482	−24·540	0·75	...	...
...	40·446	+13·616	− 3	A	...
251					
...	−40·417	−57·771	− 3	...	...
...	40·276	−24·414	0·85	...	...
...	40·201	+40·473	− 5	M	...
*	40·160	−31·074	1·20	43.2734	9·8
...	40·146	−15·726	− 5	M	...
:	−40·056	+39·566	0·80	...	...
...	39·944	−29·070	− 5	M	...
...	39·815	−53·889	− 1	...	...
*	39·809	−23·192	1·00	43.2737	10·2
...	39·625	+13·890	− 4	M	...
261					
...	−39·442	− 4·597	− 5	M	...
...	39·439	−36·951	− 3	...	...
.	39·351	−18·272	− 3	B	..
..	39·324	+10·375	− 4	M	..
..	39·303	−30·542	0·75	...	...
...	−39·093	−35·400	− 3	A	...
...	39·025	+30·272	− 5	M	...
..	38·918	− 0·962	− 3	M	...
...	38·803	−44·992	1·00	43.2738	9·8
...	38·762	+11·888	− 2	...	...
271					
...	−38·724	+16·947	− 5	M	...
..	38·627	+35·693	− 4	M	...
..	38·551	+23·191	− 5	M	...
.	38·531	+33·277	− 5	M	...
...	38·457	−55·365	− 4	M	
...	−38·274	+11·520	0·85	...	..
..	38·196	+ 9·379	0·85	...	...
+	38·163	−36·435	2·00	43.2739	9·4
*	38·117	−20·184	2·00	43.2740	8·9
...	38·089	− 9·920	− 3	M	...
281					
*	−38·048	−26·184	1·00	43.2741	10·2
...	37·784	+57·283	− 3	...	...
..	37·777	+16·393	0·95	...	...
...	37·713	−11·270	− 3	M	...
*	37·537	−40·602	1·80	43.2742	9·5
..	−37·430	− 9·956	− 2	B	...
...	37·394	−52·657	− 2	...	...
+	37·292	− 6·141	1·00	43.2743	10·2
..	37·278	−56·478	− 5	M	...
*	37·198	+46·069	1·00	42.2701	10·2
291					
...	−36·982	−51·904	− 2	...	..
...	36·892	+45·533	− 2	...	...
..	36·790	−50·239	− 5	M	..
...	36·694	+51·220	− 4	...	...
...	36·598	+31·166	− 5	M	...
*	−36·356	+37·011	1·00	42.2702	10·0
*	36·258	−13·775	1·20	43.2744	9·9
:	36·187	−30·188	1·00	...	...
...	36·062	+48·064	− 3	...	...
...	36·045	+48·793	− 5	M	...
301–360					
301					
*	−36·043	+37·656	0·90	42.2703	10·3
...	36·002	+ 6·930	− 4	M	...
*	35·965	+40·853	1·00	42.2704	10·0
...	35·831	+26·224	0·90	...	...
*	35·367	+22·284	2·00	42.2705	9·0
...	−35·366	−19·469	− 3	M	...
...	35·152	−35·293	0·90	...	...
†	35·036	−27·042	− 3	..	...
†	35·013	−57·469	− 5	M	...
†	34·997	+ 0·579	− 5	M	...
311					
:	−34·947	−53·294	2·00	43.2745	9·3
*	34·694	+25·636	1·60	42.2706	9·4
...	34·674	+29·959	− 5	M	...
...	34·286	+16·995	− 5	M	...
...	34·124	−37·611	− 5	M	...
...	−34·111	+43·984	− 4	M	...
*	34·031	+ 4·520	1·30	42.2707	9·6
*	34·023	−57·242	2·20	43.2747	8·6
*	33·954	−41·860	1·80	43.2748	9·5
*	33·945	+18·650	0·85	...	...
321					
...	−33·720	−12·351	− 4	...	...
*	33·676	+29·072	0·95	42.2708	10·0
...	33·657	+ 8·601	− 3	...	...
...	33·562	−25·900	− 4	M	...
S *	33·432	+ 3·312	1·40	42.2709	9·4
*	−33·391	−55·178	1·40	43.2750	9·6
...	33·270	−58·972	0·75	...	...
...	33·189	− 8·369	− 4	M	...
...	33·163	−45·738	0·75	...	...
..	33·072	+51·095	0·70	42.2711	10·3
331					
...	−32·929	−24·973	− 5	M	...
...	32·867	−29·709	− 5	M	...
*	32·829	+32·476	1·30	42.2710	9·6
..	32·821	−36·776	− 4	M	...
*	32·800	−11·122	1·50	43.2751	9·6
*	−32·758	+52·763	1·05	42.2713	10·0
*	32·607	+37·752	1·00	42.2712	9·8
...	32·576	−17·658	− 2	...	...
...	32·518	−26·330	− 3	...	...
...	32·419	+38·326	− 4	...	...
341					
...	−32·383	−24·601	− 4	M	...
S *	32·312	+46·997	3·00	42.2714	7·9
...	32·008	−27·770	− 5	M	...
*	31·880	+12·204	1·30	42.2715	9·4
...	31·764	+22·091	− 3	...	...
...	−31·722	+20·917	− 4	...	...
*	31·702	−42·442	1·60	43.2752	9·4
*	31·660	+32·133	1·50	42.2716	9·4
†	31·630	−30·107	0·65	...	...
...	31·558	− 9·538	− 3		
351				43.2754	9·6
*	−31·524	− 9·443	1·15		
...	31·477	−19·522	− 3	...	...
...	31·443	+20·850	− 5	M	...
...	31·426	−28·792	0·95	...	...
...	31·347	− 2·533	− 4	M	...
...	−31·334	−41·553	0·85	...	...
...	31·191	−52·725	− 4	M	...
*	31·170	+ 6·292	1·05	42.2717	9·8
...	31·040	−24·266	0·75	...	...
...	31·014	+28·190	− 4	...	...

361–420

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
361					
...	−30·937	+29·074	− 4	...	...
..	30·718	+34·648	− 3	...	...
*	30·626	−22·783	1·00	43.2756	10·2
...	30·609	+16·339	− 4	...	...
*	30·575	+28·255	1·05	42.2718	9·7
...	−30·571	−11·617	− 5	M	...
...	30·530	+35·355	− 4	...	...
...	30·498	−22·616	− 3	M	...
...	30·444	− 5·218	− 4	M	...
*	30·254	+54·438	1·30	42.2719	9·7
371					
...	−30·239	+59·573	− 3	...	...
...	30·217	− 6·065	− 4	M	...
...	30·212	−53·189	− 5	M	...
...	30·169	−11·817	− 5	M	...
...	30·161	−37·242	− 4	M	...
...	−29·636	+32·157	0·95	42.2720	10·3
...	29·496	+ 4·690	− 5	M	...
...	29·402	−27·012	− 5	M	...
*	29·338	−59·751	1·30	43.2757	9·8
...	29·014	+37·364	− 5	...	...
381					
...	−29·012	+ 6·002	0·65	...	...
...	28·953	−16·024	− 5	M	..
*	28·944	+15·480	1·00	42.2721	9·8
*	28·922	−24·678	3·00	43.2758	8·0
...	28·852	+58·945	− 3	...	...
...	−28·827	−28·751	− 3	A	..:
*	28·784	−44·368	1·05	43.2759	9·8
...	28·720	−15·668	− 5	M	...
...	28·171	+57·325	− 3	...	...
...	28·058	−13·833	0·90	...	...
391					
*	−27·912	−57·625	1·00	43.2760	10·0
...	27·854	−17·689	− 2	...	...
*	27·704	−34·642	1·00	43.2761	10·2
*	27·504	+21·512	1·20	42.2722	9·6
*	27·459	+51·172	1·00	42.2723	10·3
...	−27·401	+36·417	− 5	...	...
*	27·380	+45·413	1·20	42.2724	9·6
...	27·314	+27·516	− 5	M	...
...	27·308	+50·751	− 3	...	...
*	27·108	−50·500	1·20	43.2762	9·7
401					
...	−27·081	+28·785	0·65	...	...
...	26·994	+21·382	− 5	...	...
*	26·958	−52·311	1·50	43.2763	9·5
*	26·926	−38·407	1·60	43.2764	9·4
*	26·879	−16·528	1·00	43.2765	10·2
*	−26·869	+28·002	1·40	42.2725	9·4
...	26·772	+54·013	− 5	M	...
...	26·681	−50·619	− 5	M	...
*	26·640	+40·041	1·20	42.2726	9·8
*	26·611	−19·513	1·60	43.2767	9·5
411					
...	−26·595	+19·110	− 2	...	...
...	26·551	−57·883	− 5	M	...
...	26·472	+48·419	0·65	42.2727	10·3
...	26·448	−29·729	− 5	M	...
...	26·390	+12·052	− 3	...	...
...	−26·236	+32·236	0·90	...	...
...	26·124	+ 5·538	− 4	...	...
*	26·042	+17·661	1·00	42.2728	9·9
†	26·016	−30·063	− 1	...	...
...	25·956	+28·124	0·65	...	...

421–480

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
421					
...	−25·870	−26·630	0·85	...	...
*	25·842	+49·357	1·60	42.2730	9·4
†	25·800	−35·032	1·00	43.2769	9·7
*	25·759	+12·956	1·00	42.2729	10·0
*	25·723	−41·554	1·90	43.2770	9·2
...	−25·721	− 8·243	− 5	M	...
...	25·683	−38·513	− 5	M	...
...	25·668	+11·949	− 3	...	...
...	25·584	+26·993	− 3	A	...
*	25·489	−28·394	0·95	43.2771	10·2
431					
...	−25·427	−15·664	− 5	M	...
...	25·307	+ 2·450	− 3	B	...
...	25·265	−23·248	− 3	...	...
...	25·238	+11·982	− 5	..	...
*	25·220	−23·770	1·60	43.2772	9·6
...	−25·215	−40·863	− 5	M	...
†	25·164	+19·819	− 5	...	...
*	25·058	− 2·983	2·00	42.2731	9·0
†	25·009	−55·238	− 4	M	...
...	24·930	+17·928	− 3	...	...
441					
*	−24·792	+15·218	0·85	42.2732	10·3
...	24·775	−30·547	− 4	M	...
...	24·666	−20·926	− 4	M	...
...	24·633	−10·645	− 5	M	...
...	24·510	+35·571	− 3	...	...
...	−24·450	+34·860	− 4	M	...
...	24·406	− 3·682	− 1	42.2733	10·3
...	24·352	−58·163	− 4	M	...
...	24·293	−39·153	− 5	M	...
...	24·232	+36·535	− 3	...	...
451					
...	−23·914	+ 2·645	− 3	A	...
*	23·802	+54·815	1·20	42.2734	9·8
*	23·781	−43·061	0·90	43.2773	10·2
...	23·750	+43·114	− 3	...	...
..	23·726	− 7·118	− 3	...	...
...	−23·717	+30·242	0·90	...	...
...	23·709	+ 5·502	− 3	...	...
...	23·678	+21·694	− 5	M	...
*	23·676	−28·724	1·90	43.2774	8·8
...	23·508	−45·765	− 4	M	...
461					
*	−23·429	−17·612	1·00	43.2775	10·2
...	23·362	+48·861	− 3	...	...
...	23·272	+37·625	− 3	...	...
...	23·213	−11·345	− 2	...	...
...	23·149	+ 7·546	− 4	M	...
...	−23·119	−18·157	− 3	...	...
...	23·053	−54·803	− 4	M	...
*	22·948	+17·989	1·30	42.2735	9·7
...	22·909	−44·732	− 5	M	...
...	22·721	+19·365	− 5	M	...
471					
...	−22·691	−18·899	− 5	M	...
...	22·591	−50·812	0·80	43.2777	10·2
...	22·573	−21·911	− 5	M	...
...	22·543	−57·985	0·65	...	.
...	22·535	− 4·077	− 5	M	...
†	−22·525	+29·808	− 5	M	...
...	22·436	−53·547	− 5	M	...
...	22·308	+42·244	− 3	..	..
...	22·249	+ 8·899	− 4	M	...
...	22·228	+33·455	− 4	...	...

481–540

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
481					
...	−22·190	+58·993	− 3	...	...
...	22·107	− 6·259	− 5	M	...
.	22·038	− 7·248	− 3	M	...
...	22·036	−41·683	− 1	...	...
...	21·865	+22·078	− 1	...	...
..	−21·852	−48·603	− 1	...	..
...	21·654	−56·083	− 4	M	..
...	21·531	+45·684	0·70	...	...
...	21·485	+16·671	− 5	M	...
...	21·469	−13·334	− 4	M	..
491					
...	−21·392	+59·366	0·65	...	..
...	21·358	−31·944	− 2	...	...
†	21·134	+24·872	1·20	42.2736	9·7
*	21·020	+51·579	1·40	42.2737	9·6
...	21·000	−31·700	− 2	...	...
*	−20·853	− 7·408	1·20	43.2779	10·0
...	20·805	+34·029	− 4	...	...
*	20·710	−53·310	0·95	43.2778	10·2
...	20·537	+16·461	− 3	...	...
...	20·516	−19·151	0·70	..	...
501					
*	−20·363	+38·193	1·50	42.2738	9·6
...	20·331	−14·713	− 5	M	...
...	20·274	+30·479	− 5	...	...
.	20·253	−27·569	− 5	M	...
*	20·252	−57·714	1·20	43.2780	10·0
.	−20·223	−37·913	− 4	M	...
‡	20·125	− 4·724	1·20	42.2739	9·7
†	20·037	−36·505	− 5	M	...
...	19·882	+ 2·568	0·75	...	...
*	19·829	−43·966	2·30	43.2781	8·4
511					
...	−19·753	−54·850	− 5	M	...
*	19·747	+42·447	1·00	42.2740	10·3
...	19·722	+ 1·900	− 5	M	...
...	19·597	−56·131	− 1	...	...
...	19·578	+46·936	− 5	...	...
*	−19·496	+21·653	1·15	42.2742	9·7
...	19·480	+45·504	− 5	M	...
...	19·474	+20·170	− 5	M	...
...	19·473	−42·982	− 5	M	...
*	19·460	+47·558	1·30	42.2741	9·4
521					
...	−19·441	+54·918	− 2	...	...
...	19·425	−25·320	− 5	M	...
...	19·287	+57·112	− 5	M	...
...	19·212	−45·947	− 5	M	...
...	19·158	−47·048	− 5	M	..
†	−19·044	−29·988	− 5	M	...
...	18·718	+17·055	− 2	...	...
...	18·695	−12·850	− 5	M	...
.	18·687	+38·535	− 3	...	...
...	18·607	− 9·124	− 3	M	...
531					
..	−18·512	−53·092	− 5	M	...
*	18·474	−50·385	1·00	43.2783	10·2
†	18·464	+ 9·748	1·15	42.2743	9·6
...	18·355	+27·099	− 4	...	...
...	18·160	+27·429	0·65	...	...
...	−18·058	+16·852	− 5	M	...
...	17·965	−14·118	− 5	M	...
...	17·814	+51·170	− 4	...	...
...	17·664	+20·240	0·75	...	...
...	17·378	−20·966	− 5	M	...

541–600

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
541					
..	−17·358	−38·536	− 5	M	...
*	17·213	+17·264	1·05	42.2744	9·8
.	17·192	−48·712	− 3	A	...
..	17·070	+32·058	− 4	M	...
...	17·046	−39·325	− 5	M	...
..	−16·964	−17·485	− 4	M	...
.	16·818	−32·532	− 5	M	...
.	16·703	−38·050	1·00	43.2784	10·1
...	16·609	+40·465	− 4	..	...
...	16·326	+52·276	− 3	...	...
551					
...	−16·030	− 2·657	− 1	...	...
*	16·030	−38·204	1·10	43.2785	10·0
..	15·950	−49·633	− 1	..	..
...	15·926	+13·238	− 4	...	...
...	15·913	−20·941	− 2	...	...
..	−15·728	−55·738	− 5	M	..
*	15·603	−25·922	2·00	43.2786	9·2
...	15·496	−27·979	− 5	M	...
.	15·473	−45·977	3·00	43.2787	8·2
.	15·443	−23·564	− 4	M	...
561					
...	−15·331	−34·630	− 4	M	...
..	15·199	−15·005	− 2	...	...
.	15·162	−27·802	3·00	43.2788	7·4
.	15·108	+49·535	0·95	42.2745	10·0
†	15·102	+46·857	− 5	M	..
†	−15·028	−40·493	− 5	M	...
†	15·026	−47·584	0·65	..	...
.	15·007	+51·772	1·00	42.2746	9·9
.	14·977	+50·319	− 5	..	..
*	14·878	−11·132	3·10	43.2789	7·8
571					
.	−14·861	+ 8·454	0·70	...	...
.	14·829	+27·409	− 5	M	...
.	14·775	−19·144	− 4	M	...
...	14·737	+ 9·641	0·65	...	...
.	14·618	−58·229	− 5	M	..
...	−14·610	−36·189	− 5	M	...
.	14·496	−40·048	1·00	43.2790	10·0
.	14·364	−33·034	0·65	...	...
..	14·319	−54·905	− 4	M	...
..	14·309	−34·785	− 2	...	..
581					
...	−14·282	−27·647	− 2	...	...
.	14·228	−34·821	− 3	M	...
.	14·143	−40·042	1·10	43.2791	10·0
.	14·071	−28·478	1·40	43.2792	9·6
.	14·035	−39·498	− 2	...	..
.	−14·002	+26·966	− 3	..	...
.	13·980	+28·986	− 5	M	...
.	13·937	+33·149	1·90	42.2748	9·2
.	13·926	+52·261	− 2	..	..
*	13·916	+21·255	1·05	42.2747	10·0
591					
.	−13·613	+44·258	− 5	M	...
.	13·551	−37·184	1·20	43.2794	9·8
.	13·614	+56·603	− 3	...	...
.	13·559	− 0·299	− 5	M	...
.	13·534	+ 4·863	− 5	M	...
.	−13·467	−43·831	− 3	...	...
.	13·3[illegible]	+18·011	− 3	42.2749	10·3
.	13·216	+24·488	− 4	M	...
.	13·115	+13·756	− 2	..	..
...	13·051	− 1·023	− 5	M	...

601–660

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
601					
...	−13·003	−48·536	− 4	M	...
...	12·898	−34·361	− 1	...	...
..	12·874	+15·084	− 5	M	.
.	12·825	−57·671	0·75	...	..
..	12·774	+56·008	− 4	...	...
.	−12·672	+ 7·095	0·85	42.2751	10·2
...	12·671	+ 5·925	− 4	...	...
.	12·662	−46·328	− 5	M	...
*	12·603	+33·635	1·50	42.2750	9·4
...	12·583	+35·268	− 4	...	...
611					
...	−12·469	+32·193	− 4	...	...
...	12·369	− 0·867	− 4	M	...
.	12·229	+59·632	2·40	41.2759	8·6
...	12·170	+40·389	− 4	...	...
.	12·147	−44·939	1·20	43.2798	9·8
*	−12·144	−27·559	1·80	43.2796	9·6
*	12·028	−34·182	1·00	43.2797	10·0
*	11·879	−27·763	0·75	43.2799	10·2
.	11·877	+41·386	− 5	...	...
*	11·664	−41·441	1·00	43.2800	10·2
621					
...	−11·567	+27·964	− 4	M	...
...	11·297	−14·201	− 5	M	..
...	11·268	+55·084	− 5	M	...
..	11·240	−52·893	− 3	A	...
*	11·058	−36·024	1·20	43.2801	10·0
...	−11·004	−43·361	− 3	...	...
...	10·955	−33·861	− 5	M	...
..	10·862	−19·971	0·65	...	...
*	10·844	+19·188	1·15	42.2752	9·7
*	10·834	+21·970	0·90	42.2753	10·2
631					
.	−10·817	− 0·284	− 5	M	...
.	10·752	−14·408	− 5	M	...
†	10·658	+24·705	− 4	M	...
.	10·643	−36·604	− 5	M	...
.	10·616	+47·559	0·65	...	.
.	−10·159	−10·348	0·85	...	...
†	10·145	−37·000	− 5	M	.
.	10·083	−22·448	− 4	...	...
†	10·041	−31·207	− 5	M	...
...	9·892	+34·996	− 2	...	...
641					
...	− 9·749	−39·629	− 3	...	...
*	9·633	+21·645	6·75	42.2754	5·2
*	9·622	−36·890	0·95	43.2802	10·2
.	9·601	+14·119	− 5	M	...
.	9·557	+29·031	− 5	M	..
...	− 9·492	−13·289	− 5	M	.
.	9·386	+31·172	− 5	M	.
...	9·340	− 1·351	− 5	M	.
.	9·324	−58·020	− 4	...	.
.	9·280	+36·095	− 5	...	...
651					
..	− 9·211	−23·280	− 4	M	..
.	9·154	−51·918	− 4	M	.
.	9·055	+ 3·307	− 3	...	..
.	8·960	−45·260	− 5	M	
.	8·881	+50·123	− 4	...	..
...	− 8·723	−37·798	− 5	M	.
.	8·646	+53·324	− 3	...	...
...	8·637	−12·128	− 5	M	...
.	8·636	−26·309	− 2	...	.
.	8·501	+ 3·886	− 5	M	...

661–720

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
661					
*	− 8·448	+50·198	1·25	42.2755	9·7
*	8·416	+56·330	1·20	41.2765	9·7
*	8·386	+45·291	0·95	42.2756	10·3
.	8·218	−51·766	− 4	M	...
...	8·159	− 2·392	− 5	M	...
..	− 8·137	−55·643	− 4	M	...
...	7·936	+10·275	− 1	...	...
...	7·908	−45·967	− 2	...	..
...	7·824	+21·696	0·90	42.2757	10·3
..	7·727	−58·836	− 3	...	...
671					
*	− 7·350	+47·493	2·00	42.2758	9·0
*	7·336	+18·516	1·20	42.2759	9·8
...	7·322	−25·159	− 5	M	..
..	7·193	−11·688	0·65	...	...
...	7·171	−58·364	1·00	43.2804	10·2
*	− 7·104	−12·345	1·25	43.2803	9·8
...	7·036	−45·507	− 5	M	...
...	7·012	+37·678	− 5	M	...
...	6·955	−41·980	− 5	M	...
...	6·886	−31·717	− 5	M	...
681					
...	− 6·762	+38·281	− 5	M	...
*	6·557	−37·044	1·00	43.2805	10·2
..	6·495	−42·735	− 3	...	...
*	6·472	−52·407	1·10	43.2806	10·1
+	6·433	−27·630	0·90	...	...
n *	− 6·377	+34·227	1·20	42.2760	9·6
..	6·286	−24·837	− 5	M	...
...	6·233	−30·744	0·95	...	...
n *	6·151	+34·354	0·95	42.2760	9·6
...	6·048	−41·751	− 5	M	...
691					
...	− 6·005	+ 6·116	− 4		...
...	5·985	+52·092	− 3	...	...
...	5·949	+28·326	− 4	M	...
...	5·855	−41·564	0·90	43.2807	10·2
.	5·766	+37·764	0·75	...	...
†	− 5·634	−19·093	− 4	M	...
...	5·553	−16·932	− 5	M	...
...	5·544	− 5·814	0·95	...	...
*	5·542	+ 2·649	1·60	42.2761	9·4
...	5·379	−22·485	− 4	M *m*	...
701					
...	− 5·344	−16·203	− 5	M *m*	...
..	5·257	−44·390	− 3	*m*	...
†	5·082	−14·519	− 4	M *m*	...
.	4·980	−11·959	− 5	M *m*	...
*	4·786	−53·014	1·80	43.2808	9·6
...	− 4·784	−48·374	− 5	M *m*	...
*	4·675	+33·439	1·60	42.2762	9·4
...	4·657	−47·338	0·65	...	...
.	4·653	− 0·293	− 5	M *m*	...
+	4·501	−56·655	1·10	43.2809	10·2
711					
+	− 4·484	−34·127	1·00	43.2810	10·0
.	4·435	+32·038	− 2	...	...
...	4·401	−55·903	− 4	M *m*	...
...	4·313	−14·099	− 3	M *m*	...
..	4·240	−49·160	− 4	M	...
...	− 4·197	+ 8·636	− 4	M *m*	...
*	4·097	+50·876	1·00	42.2763	10·2
.	4·080	+51·516	− 1	...	...
.	4·024	+36·804	− 4	M *m*	...
..	3·924	+ 4·528	− 5	M *m*	...

686, 689 C.P.D., probably mass.

721–780

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
721					
...	− 3′920	+59′112	− 2	...	.
...	3·705	−29·773	− 4	M m	...
...	3·704	−48·923	− 5	M m	...
...	3·623	−22·214	− 3	m	...
...	3·622	−46·351	0·80	...	...
. .	− 3·605	+10·462	− 4	M m	...
...	3·424	−49·100	− 4	M m	.
...	3·370	−37·993	0·80	...	...
*	3·079	− 4·766	1·10	42.2764	10·0
...	2·957	+45·008	− 2	..	...
731					
...	− 2·917	−45·633	0·70	...	...
...	2·747	+28·508	− 1	...	...
...	2·731	−44·676	0·75	...	...
...	2·711	+47·659	− 5	M	...
*	2·679	+45·923	1·00	42.2765	10·2
*	− 2·495	−44·543	2·00	43.2811	9·0
...	2·476	−54·655	− 5	M m	...
*	2·362	+32·181	1·30	42.2766	9·6
...	2·355	+51·673	− 2	...	...
...	2·237	+40·454	− 4	M m	...
741					
*	− 2·165	− 0·602	1·00	42.2767	10·2
...	2·098	−21·904	− 3	M m	...
...	2·090	+ 4·936	− 5	M m	...
...	1·997	−52·980	− 5	M m	...
...	1·846	−32·129	− 4	M m	..
*	− 1·593	+20·528	1·50	42.2768	9·4
...	1·580	−42·939	− 5	M m	...
...	1·555	−29·127	− 1	...	...
...	1·488	−43·528	− 5	M m	...
...	1·314	−27·730	− 4	M m	...
751					
*	− 1·313	−45·336	2·10	43.2812	9·1
...	1·276	−18·518	− 1	...	...
...	1·270	+58·474	− 5	...	...
*	1·162	+56·084	1·10	41.2773	10·2
*	1·161	−56·762	2·00	43.2813	9·0
...	− 1·096	+ 4·674	− 4	M m	...
...	1·070	+59·320	− 5	...	...
...	1·065	+48·166	− 5	M m	...
...	1·011	−51·251	− 4	M m	...
...	1·005	+28·970	− 2	...	...
761					
*	− 1·001	−42·172	1·00	43.2814	10·0
*	0·686	−57·512	1·15	43.2816	10·0
...	0·664	+23·828	− 5	M m	...
*	0·546	−41·619	0·95	43.2815	10·2
...	0·464	−58·653	− 4	M	...
*	− 0·437	+11·530	0·90	...	...
...	0·430	+21·054	− 3	...	...
...	0·219	+46·439	− 5	M	...
‡	0·179	−43·019	0·95	43.2817	10·2
*	0·055	−56·903	1·15	43.2818	10·0
771					
†	− 0·045	+39·789	− 1	...	...
...	+ 0·020	+32·981	− 5	M m	...
*	0·097	+28·788	1·15	42.2769	9·6
..	0·099	+ 3·770	− 4	M m	...
*	0·139	+ 5·885	1·05	42.2770	9·9
*	+ 0·327	−21·472	1·00	43.2819	9·8
...	0·426	+ 7·120	− 5	M m	...
...	0·449	−59·353	− 1	...	...
...	0·663	+44·316	0·65	...	...
...	0·705	−27·709	− 5	M m	...

781–840

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
781					
...	+ 0·923	+36·797	− 5	M m	...
..	1·029	+42·030	− 5	...	...
...	1·064	−49·896	− 5	M m	
...	1·075	+27·306	− 5	.	.
...	1·099	−35·955	0·65	...	...
..	+ 1·112	+ 4·572	− 5	M m	
...	1·151	+37·024	− 2	..	...
...	1·265	−13·223	− 4	M m	.
S *	1·337	+51·311	2·85	42.2771	8·0
†	1·350	+39·757	− 5	M m	...
791					
...	+ 1·498	+ 1·488	− 1	..	...
...	1·519	+50·512	0·80	...	...
*	1·545	−16·550	1·05	43.2820	9·8
...	1·702	+41·247	− 5	M	.
...	1·754	+41·338	− 1	42.2772	10·3
...	+ 1·895	−39·625	− 4	M m	.
...	2·042	−17·120	− 5	m	...
...	2·183	+12·941	− 5	M m	...
...	2·216	−48·690	− 5	M m	..
...	2·238	−11·937	− 1	..	...
801					
...	+ 2·369	+33·311	0·75	...	..
*	2·452	+12·883	1·80	42.2773	9·4
...	2·651	+37·516	− 5	...	...
...	2·696	−35·516	− 3	...	.
*	2·713	+45·945	0·95	42.2774	10·2
...	+ 2·978	−41·829	0·70	..	..
...	3·163	+36·026	− 4	...	...
...	3·208	− 4·152	− 5	M m	...
...	3·238	− 2·726	− 4	M m	...
*	3·284	−43·160	1·00	43.2821	10·0
811					
...	+ 3·424	+16·545	− 4	M m	..
...	3·461	−32·081	− 3	...	...
...	3·519	+43·707	− 5	M m	..
...	3·624	+18·531	0·65	...	...
*	3·655	+56·459	1·25	41.2788	9·8
...	+ 3·674	+48·180	− 3	...	...
*	3·693	+54·397	1·00	42.2775	9·8
...	3·742	−32·129	0·95	43.2822	10·2
...	3·949	−34·612	− 5	M m	...
...	3·996	+55·787	− 5	M m	..
821					
...	+ 4·005	+38·492	− 1	...	..
*	4·071	+36·349	1·05	42.2776	9·8
...	4·072	+11·951	− 5	M	.
...	4·094	+27·012	− 5	M m	...
S *	4·098	−24·398	2·75	43.2823	8·4
...	+ 4·215	+46·251	− 4	...	..
...	4·451	− 3·648	− 5	M m	.
...	4·524	+57·261	− 4	...	..
...	4·589	−59·550	− 5	M	.
...	4·607	+23·907	− 5	m	.
831					
..	+ 4·678	−56·494	− 5	M m	
...	4·728	−15·687	− 1	.	...
†	4·839	+ 0·504	− 5	m	.
†	4·946	+ 9·715	0·85	42.2777	10·2
..	5·001	+ 6·905	− 2	m	.
...	+ 5·010	+25·918	− 2		
...	5·087	+55·833	− 4		.
...	5·101	−38·088	− 5	M m	...
*	5·148	−43·209	1·05	43.2824	9·8
*	5·168	+57·139	1·00	41.2794	10·2

841–900

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
841					
*	+ 5′240	+2·384	1·00	42.2778	10·0
*	5·332	+42·447	1·40	42.2779	9·7
...	5·388	−18·095	0·95	43.2825	10·2
...	5·529	+41·423	− 5	m	.
...	5·836	−41·028	0·65	...	...
.	+ 5·871	−34·043	− 5	m	...
...	5·954	+27·208	− 5		...
.	6·011	−55·852	− 1	...	...
.	6·149	−45·886	− 4	.	
.	6·185	+ 3·075	− 4	.	.
851					
*	+ 6·243	−22·772	1·15	43.2826	10·1
	6·320	−38·649	− 5	m	..
*	6·367	−42·745	1·40	43.2827	9·8
...	6·736	−58·9	− 5	m	...
‡	6·817	−40·073	− 2	...	...
..	+ 6·894	−17·722	− 5	m	...
*	6·947	−11·849	1·40	43.2828	9·8
*	6·999	−35·424	1·40	43.2829	9·8
...	7·048	+ 9·082	− 1		...
...	7·081	−39·096	− 2	...	...
861					
N †	+ 7·105	+ 3·705	− 2	42.2780	10·3
...	7·133	+40·228	− 2	..	...
...	7·207	−38·155	− 5	m	...
..	7·425	+59·098	− 5		..
†	7·498	+29·702	− 4	...	...
...	+ 7·523	+58·712	− 5	m	
...	7·594	−27·968	− 5	m	.
...	7·630	−16·159	0·85		...
...	7·631	−51·112	− 2	..	...
*	7·681	+34·089	1·50	42.2781	9·2
871					
...	+ 7·681	+32·485	− 2	..	...
...	7·694	−41·183	− 5	m	..
...	7·710	+16·369	− 5	m	...
*	7·749	+ 3·047	1·30	42.2783	9·7
...	7·839	−12·689	− 3	.	..
*	+ 7·872	+19·063	1·30	42.2782	9·7
*	7·882	−57·393	1·05	43.2831	10·0
*	7·979	−51·031	1·05	43.2832	10·0
*	7·993	−39·293	1·00	43.2830	10·1
...	8·297	−59·884	− 5	m	...
881					
...	+ 8·329	−11·137	− 4	m	...
..	8·331	−42·334	− 1	m	..
	8·362	− 0·133	0·75	43.2833	10·2
.	8·604	−53·080	− 4	.	..
*	8·693	−43·316	0·95	43.2835	10·0
..	+ 8·702	−51·091	0·75	...	.
...	8·706	−42·426	0·65		...
...	8·788	+13·214	− 3	...	...
...	8·841	+57·980	− 5	m	.
...	8·903	−11·159	− 4	m	...
891					
.	+ 8·915	−44·788	− 5	.	.
...	9·052	− 0·283	− 1	m	
..	9·1[illegible]	−43·866	− 5		.
‡	9·268	− 5·[illegible]	0·90	42.2785	10·3
*	9·300	+34·286	1·05	42.2784	9·9
...	+ 9·323	+29·352	− 3	...	..
...	9·329	−58·601	− 5	m	.
...	9·330	−57·061	− 4	m	...
...	9·405	−51·371	0·65	...	..
...	9·436	−38·483	0·65	..	...

861. Observes 2nd image of 802.

901–960

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
901					
*	+ 9·504	−24·513	1·20	43.2836	10·0
†	9·748	− 5·427	0·70	…	…
†	9·867	−25·636	− 5	m	…
	9·927	+39·850	− 5	…	…
	10·033	−40·057	− 3	…	…
..	+10·042	−43·177	− 5	m	…
..	10·068	+52·253	− 3	…	…
..	10·114	− 3·188	− 5	m	…
*	10·233	+46·947	0·95	42.2786	10·0
..	10·329	+ 9·631	− 1	.	…
911					
.	+10·411	− 5·764	0·65	…	…
…	10·428	−44·133	− 5	m	…
..	10·458	+39·052	− 4	…	…
…	10·475	+ 0·621	− 4	m	…
…	10·478	−52·824	− 5	m	…
…	+10·570	+54·970	− 5	…	…
*	10·611	−37·072	1·00	43.2837	10·1
.	10·848	−37·853	− 5	m	…
..	10·907	−29·382	− 4	…	..
…	10·925	−44·645	− 5	m	…
921					
..	+10·963	+17·944	− 5	m	…
…	10·984	+29·134	− 5	m	…
*	11·013	−58·986	1·00	43.2838	10·2
.	11·253	−21·595	− 5	m	…
..	11·347	−44·313	− 5	m	…
…	+11·390	−32·159	− 5	…	…
..	11·394	+32·874	− 4	…	…
…	11·468	−42·822	− 5	m	…
*	11·473	+49·080	1·05	42.2787	9·8
…	11·515	−49·907	− 5	m	…
931					
…	+11·630	−42·892	0·95	…	…
†	11·693	+29·815	0·65	…	…
*	11·747	+51·994	3·00	42.2788	8·3
*	11·765	−49·629	1·90	43.2839	9·1
	11·989	−54·039	− 3	…	…
*	+12·055	−47·955	1·00	43.2840	10·0
…	12·087	−55·927	− 5	m	…
.	12·205	−14·209	− 5	m	…
*	12·384	−47·438	1·00	43.2842	9·8
*	12·497	−50·173	1·20	43.2843	9·6
941					
*	+12·523	−22·561	1·00	43.2841	9·8
…	12·632	+27·814	− 4	…	..
.	12·698	+47·626	− 5	m	…
…	12·968	−33·655	− 5	m	..
.	13·102	−34·753	− 4	…	…
…	+13·191	+52·093	− 5	…	…
	13·249	−23·778	− 4	m	…
	13·318	+19·753	− 3	…	…
*	13·347	−49·045	1·30	43.2844	9·8
*	13·625	−28·405	1·00	43.2845	10·0
951					
*	+13·677	+21·750	1·40	42.2789	9·2
…	13·728	−40·504	0·65	…	…
	13·747	− 8·901	1·00	43.2846	10·0
..	13·822	−52·306	− 3		…
*	13·959	+ 6·112	1·10	42.2790	9·8
*	+13·963	−23·413	1·05	43.2847	9·8
..	14·130	−32·503	− 4	.	.
…	14·311	−49·129	− 3	…	
*	14·472	−13·[illegible]	0·65	43.2848	10·2
…	14·488	+36·742	− 3	…	…

961–1020

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
961					
‡	+14·852	−16·454	0·95	43.2849	10·2
‡	14·881	+33·925	0·95	42.2791	10·2
…	14·926	− 4·767	− 5	m	…
*	15·258	+ 2·675	1·20	42.2792	9·8
…	15·328	+45·051	− 5	m	..
…	+15·362	− 1·498	− 4	m	…
…	15·366	−52·040	− 3	…	…
…	15·540	−31·989	− 5	m	…
…	15·568	+52·623	− 5	m	…
…	15·703	+29·574	− 5	m	…
971					
…	+15·722	−36·497	− 3	…	…
…	15·799	+20·603	0·65	…	…
…	16·004	+34·647	− 1	…	…
…	16·081	−44·792	− 4	a	…
…	16·139	+17·751	− 5	m	…
…	+16·140	+45·938	− 2	…	…
…	16·188	−38·898	− 4	m	…
†	16·254	−59·926	0·90	43.2850	10·2
†	16·296	+49·703	− 5	…	…
…	16·357	+32·182	− 4	…	…
981					
..	+16·400	+ 9·418	− 5	m	…
…	16·504	−35·982	− 4	m	…
…	16·514	−48·879	− 4	m	…
…	16·519	+ 1·750	− 4	…	…
*	17·097	−54·234	1·40	43.2851	9·8
…	+17·103	−44·714	− 4	b	…
…	17·219	−14·859	− 5	m	…
…	17·290	−42·486	− 4	b	…
*	17·329	+31·533	1·30	42.2793	9·4
…	17·345	−30·952	− 2	…	…
991					
…	+17·385	+11·993	− 4	…	…
…	17·441	−45·721	− 4	a	…
…	17·527	−42·545	0·80	…	…
…	17·542	−55·888	− 5	m	…
…	17·561	−59·828	− 5	m	…
…	+17·611	+ 3·442	2	…	…
*	17·625	+23·313	1·15	42.2794	9·9
…	17·706	−44·571	− 3	a	…
…	17·782	−20·807	− 5	m	…
…	18·006	− 9·776	− 5	m	…
1001					
..	+18·012	+30·131	− 2	…	…
…	18·058	+41·330	− 4	…	…
…	18·192	−11·424	− 5	m	…
…	18·425	−25·407	− 3	…	…
..	18·787	−31·176	0·90	43.2852	10·2
…	+18·997	−42·549	− 5	m	…
…	19·037	−37·008	− 5	m	…
…	19·039	−37·075	0·90	43.2853	10·2
.	19·092	−33·585	− 4	m	…
*	19·199	−42·946	1·00	43.2854	10·1
1011					
..	+19·216	−33·926	− 4	m	…
…	19·322	− 8·331	− 5	m	…
…	19·439	−30·552	− 5	m	…
.	19·454	+ 0·141	− 5	m	…
.	19·622	−58·642	− 5	m	…
*	+19·659	−20·350	1·00	43.2856	10·2
†	19·725	[illegible]	− 2	.	.
‡	19·798	−18·344	1·00	43.2857	10·2
‡	19·843	−45·234	− 4	.	…
†	19·855	−27·800	− 3	…	…

1021–1080

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
1021					
S ‡	+19·949	+57·874	3·90	41.2821	7·6
*	20·032	+ 5·327	1·30	42.2795	9·7
…	20·067	−43·132	− 4	…	…
…	20·175	−41·299	− 1	…	…
*	20·226	−54·382	1·40	43.2858	9·4
*	+20·499	+ 1·301	1·30	42.2796	9·8
…	20·519	−35·955	− 4	m	…
…	20·629	+59·512	− 1	41.2822	10·3
*	20·703	−23·766	0·90	43.2859	10·2
…	20·772	−46·765	− 5	m	…
1031					
…	+20·791	+ 3·441	− 5	m	…
…	20·913	−40·831	− 4	…	…
…	20·963	− 3·451	0·70	42.2797	10·3
N	20·972	− 3·942	0·70	…	…
*	21·196	−36·708	1·15	43.2860	9·8
…	+21·283	−32·938	0·70	…	…
*	21·297	−35·924	1·00	43.2861	10·2
…	21·356	−32·812	0·70	…	..
…	21·494	−57·416	− 5	m	…
…	21·550	−42·870	− 2	…	…
1041					
…	+21·561	−47·227	− 4	..	…
…	21·573	+10·074	0·70	…	…
…	21·619	− 2·603	− 5	m	..
…	21·790	+27·387	− 5	…	…
…	21·947	+41·211	− 5	m	…
…	+22·003	+51·412	− 4	…	…
*	22·142	+42·262	1·00	42.2798	10·2
…	22·170	+16·446	0·70	…	…
…	22·206	+17·660	− 2	…	…
*	22·229	+ 5·831	1·80	42.2799	9·4
1051					
*	+22·383	− 0·827	1·70	42.2800	9·2
…	22·485	−18·715	− 5	m	…
…	22·834	−58·063	− 5	m	…
…	22·919	+53·214	− 3	…	…
…	23·071	+25·502	− 5	…	…
…	+23·083	−41·428	− 5	m	…
…	23·119	−23·172	0·90	…	…
…	23·223	+23·149	− 5	m	…
…	23·365	+51·490	− 1	42.2801	10·3
…	23·656	+29·349	− 5	m	…
1061					
*	+23·737	+58·408	1·05	41.2833	10·0
*	23·916	− 5·583	1·00	43.2862	10·2
…	23·928	+17·838	0·95	42.2803	10·2
…	24·093	−58·015	− 2	…	…
*	24·112	+47·736	1·00	42.2802	10·2
…	+24·180	−41·233	− 4	…	…
…	24·215	− 7·645	− 5	m	…
…	24·447	+23·572	− 5	m	…
…	24·547	− 9·458	− 4	m	…
…	24·981	−39·018	− 4	m	…
1071					
*	+25·017	+44·630	1·05	42.2804	9·8
*	25·064	+17·268	1·20	42.2805	9·8
…	25·123	−33·841	− 5	m	..
S *	25·149	+21·840	2·00	42.2806	8·9
…	25·171	+ 2·199	− 5	m	…
…	+25·384	−56·932	− 4	a	…
…	25·457	−22·596	− 5	m	…
…	25·538	−12·104	− 5	m	…
.	25·[illegible]1	−41·678	− 5	m	…
*	25·616	+59·502	1·90	41.2835	9·0

1034 Includes 2nd image of 1033; 2nd image measured and corrected.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1081–1140					
1081					
...	+25·737	−10·343	−5	m	..
...	25·790	+48·695	−4	..	...
...	25·793	+48·769	−5	m	...
*	25·802	+42·232	1·00	42.2807	10·0
...	25·867	+41·009	−5	m	...
...	+25·954	−22·958	0·65	...	...
..	25·979	+30·594	−5	...	...
...	26·006	+48·260	−1	...	...
...	26·066	−12·848	−4	m	...
...	26·126	−16·680	−5	m	...
1091					
...	+26·167	−25·869	−5	m	...
...	26·188	+34·980	−4	...	...
...	26·220	+45·247	−4	...	...
...	26·234	+14·684	−5	...	...
...	26·244	−32·873	−4	b	...
...	+26·298	−59·864	0·75	43.2863	10·2
...	26·483	−38·841	−4	a	...
...	26·586	+39·476	−4	...	...
...	26·642	−45·258	−4	m	...
...	26·661	− 4·165	−2	...	...
1101					
...	+26·688	−50·730	−5	m	...
...	26·719	−14·576	−5	m	...
*	26·755	+47·204	1·00	42.2808	10·2
...	26·774	+20·563	−4	...	...
...	26·909	−16·400	−3	...	...
...	+26·969	−40·573	−4	b	...
...	27·093	+26·485	−5	...	...
*	27·117	+10·185	0·90	42.2809	10·0
...	27·306	+36·543	−4	...	...
...	27·317	− 6·872	−4	m	...
1111					
...	+27·340	−36·499	−4	...	...
...	27·357	−49·692	−5	m	..
...	27·375	−13·447	−4	m	...
*	27·422	+29·615	1·10	42.2810	9·8
...	27·427	+39·933	−1	...	...
...	+27·481	+24·610	−5	m	...
...	27·559	+55·723	−5	m	...
*	27·583	−35·473	0·95	43.2864	10·2
...	27·673	+37·267	0·65	...	...
...	27·686	+ 2·377	−4	m	...
1121					
*	+27·861	+35·365	1·30	42.2811	9·8
...	27·928	+51·066	−4	...	...
...	27·988	+ 4·102	−4	m	..
...	28·063	−20·507	−3	a	...
...	28·114	+50·713	−5	..	...
...	+28·263	− 4·935	−4	m	...
*	28·269	+13·621	2·10	42.2813	9·0
*	28·275	−16·379	1·00	43.2865	10·1
...	28·319	+16·470	0·65	...	...
...	28·494	+10·494	−5	...	...
1131					
...	+28·522	+54·232	−5	...	...
*	28·592	+53·396	1·15	42.2812	9·8
*	28·652	−33·466	0·85	...	...
*	28·665	−59·232	0·95	43.2866	10·2
..	28·800	+45·952	−2	...	...
...	+28·882	+ 7·991	−5	m	...
...	28·909	−45·349	−4	a	...
...	28·924	+ 0·128	−3	a	...
†	28·942	−10·181	−4	m	...
...	29·031	−25·590	−5	m	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1141–1200					
1141					
...	+29·438	+ 9·159	−4	m	..
...	29·618	+52·622	−4		.
...	29·639	−37·572	−2	...	...
†	29·727	−42·324	−4	b	...
*	29·935	−35·767	1·00	43.2867	10·2
*	+30·051	+13·288	1·20	42.2816	9·7
...	30·058	+27·200	0·70	...	...
...	30·136	+36·604	−5	..	...
*	30·275	+34·508	0·95	42.2815	10·2
*	30·320	+36·471	1·00	42.2814	9·8
1151					
...	+30·320	−47·517	−5	m	...
..	30·399	− 4·841	0·70	..	...
...	30·406	−35·459	−5	m	...
...	30·483	−14·291	−5	m	...
*	30·483	−31·709	1·00	43.2868	10·2
*	+30·537	+13·063	1·20	42.2817	9·7
...	30·565	−19·869	−2	...	...
...	30·606	+31·835	−4	...	...
...	30·667	+35·767	−4	..	...
*	30·681	−25·344	0·95	43.2869	10·0
1161					
...	+30·775	+40·771	−5	m	...
...	30·795	+ 1·817	0·90	42.2819	10·3
...	30·818	−30·401	0·75	...	...
...	30·876	− 2·073	−5	m	...
..	30·890	− 0·669	−5	m	...
*	+30·982	+ 0·387	1·05	42.2820	10·0
...	31·067	−15·503	0·70	...	..
...	31·084	+31·715	−4	...	...
...	31·191	−56·565	−4	...	...
...	31·254	−24·880	−4	m	...
1171					
*	+31·278	+49·524	1·00	42.2818	10·0
...	31·469	+ 1·433	−5	m	...
...	31·602	+19·219	−5	m	...
...	31·724	+ 3·126	−5	m	...
..	31·785	+15·641	−3	...	...
...	+31·985	−19·041	−5	m	...
...	32·094	−48·355	0·65	...	...
...	32·346	+13·252	−4	...	...
...	32·446	−22·705	−5	m	...
...	32·621	−15·482	−5	m	...
1181					
...	+32·836	−44·785	−2	...	...
*	32·918	−33·481	1·00	43.2871	10·2
...	33·040	+46·870	−5	m	...
*	33·087	−49·786	1·50	43.2873	9·8
*	33·238	−19·965	2·00	43.2872	8·8
...	+33·248	− 0·431	−5	m	
*	33·327	+20·753	0·90	...	...
...	33·370	+ 1·173	−5	m	...
...	33·395	−22·136	−5	m	..
...	33·572	+11·871	−3	...	...
1191					
*	+33·677	+45·808	2·00	42.2821	8·6
S *	33·784	−53·183	2·00	43.2874	9·0
.	33·887	−10·267	−3	a	..
..	33·914	+21·586	−2	..	..
...	34·016	− 0·736	0·65		...
...	+34·101	+24·924	0·65	.	..
†	34·119	+24·754	−2	...	...
...	34·298	+42·277	−2	..	...
...	34·577	+51·680	−4	...	...
*	34·579	− 3·778	1·20	42.2822	9·8

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1201–1260					
1201					
..	+34·8[illegible]	−38·063	−4	m	..
..	34·928	+11·093	−4	.	..
..	35·131	+ 0·723	−4	...	...
..	35·220	− 2·255	−2	.	...
*	35·354	−59·660	1·10	43.2875	10·2
...	+35·377	−[illegible]·413	−5	m	...
	35·385	− 2·761	0·70	..	...
*	35·393	+[illegible]·[illegible]	1·00	42.2825	10·0
*	35·514	+[illegible]·[illegible]	0·95	42.2823	10·0
...	35·505	+36·629	−5	m	...
1211					
..	+35·867	−32·276	−5	m	..
...	35·[illegible]	+31·9[illegible]	−5	m	...
*	35·9[illegible]	−28·375	1·[illegible]	43.2876	9·6
*	35·993	+31·154	1·05	42.2824	9·9
...	36·003	+[illegible]	−3		...
...	+36·124	+ 1·186	−5	m	.
*	36·141	−[illegible]·814	1·40	43.2877	9·8
...	36·203	−11·355	−4	m	..
*	36·343	+48·512	0·90	42.2826	10·2
...	36·354	− 2·223	−3	..	...
1221					
...	+36·377	−23·371	0·80	...	...
...	36·428	− 1·[illegible]	−5	m	..
...	36·474	+30·903	−5	m	...
...	36·608	−32·140	−5	m	...
...	36·964	+28·184	0·75	...	...
...	+37·002	− 9·447	−5	m	...
..	37·005	−11·715	0·65	...	...
*	37·033	−52·168	1·10	43.2878	10·1
...	37·146	−35·735	−3	...	...
...	37·212	−50·456	−5	m	...
1231					
*	+37·226	+45·187	1·80	42.2827	9·2
...	37·296	− 6·564	0·65	...	...
*	37·309	+18·319	1·15	42.2828	9·8
*	37·326	+21·713	0·90		...
...	37·389	−25·470	−5	m	...
...	+37·500	−59·739	0·95	43.2880	10·2
*	37·507	− 0·395	1·30	42.2829	9·7
...	37·618	− 8·523	−5	m	..
*	37·623	+56·3[illegible]	2·10	41.2853	8·4
...	37·634	− 0·258	−3	b	.
1241					
...	+37·668	+49·562	−5	m	...
...	37·766	−53·099	−5	m	..
...	37·865	+56·240	−3	..	.
...	37·[illegible]	+52·837	−4	.	.
†	38·070	−20·041	0·70	.	...
*	+38·107	−14·358	1·[illegible]	43.2879	10·0
S *	38·195	+45·[illegible]	2·90	42.2830	8·3
...	38·233	+40·008	−[illegible]	...	...
...	38·283	−13·[illegible]	−5	.	.
...	38·33[illegible]	− 2·5[illegible]	−3		
1251					
*	+38·[illegible]	−[illegible]	0·90	43.2882	10·2
..	38·[illegible]	− 0·867	−5	m	...
..	38·441	−[illegible]	0·90	43.2881	10·2
.	38·[illegible]	− 1·[illegible]	−5	.	...
...	38·469	−38·[illegible]	−4	d	
...	38·[illegible]	+35·414	0·65	.	
..	38·582	−56·683	−3	...	..
...	38·594	− 0·[illegible]	−2	..	..
*	38·661	+54·158	1·60	42.2831	9·6
...	38·666	+ 3·998	0·75	...	...

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
1261–1320					
1261					
*	+38·685	−48·208	1·15	43.2883	9·8
...	38·816	−48·023	0·90		
...	38·872	+13·652	− 5	m	...
...	39·005	− 6·245	− 4	m	...
...	39·055	−32·287	− 5	m	...
*	+39·086	+ 2·619	1·00	42.2832	10·2
...	39·125	+39·091	− 4	a	...
...	39·178	+53·939	− 5	..	...
...	39·191	+44·186	− 4	...	...
...	39·224	+ 1·446	− 5	m	...
1271					
*	+39·277	−17·515	1·40	43.2884	9·6
*	39·491	+18·732	1·05	42.2833	10·0
†	39·786	−17·822	0·65	...	...
*	39·969	+25·688	2·90	42.2834	8·5
.	39·973	+13·401	− 3	..	...
*	+39·995	−55·737	1·00	43.2886	10·0
*	40·091	−57·876	1·10	43.2887	9·8
	40·177	−37·095	− 5	.	...
	40·360	−47·391	1·15	43.2888	9·6
..	40·423	−47·478	− 5	.	...
1281					
*	+40·435	−11·132	1·00	43.2885	10·2
*	40·570	+ 8·829	1·20	42.2836	9·8
...	40·582	−25·845	− 3	a	...
.	40·951	− 3·240	− 5	m	...
*	41·011	+36·235	1·00	42.2835	10·0
.	41·016	− 4·711	− 3	.	...
..	41·049	+ 4·380	− 5	m	...
*	41·222	−48·914	1·90	43.2889	9·3
	41·275	+ 4·821	1·00	42.2837	10·0
..	41·430	−56·[illegible]	− 1	43.2890	10·2
1291					
*	+41·536	− 4·545	1·15	42.2838	9·7
..	41·657	−55·556	− 4	...	
...	41·791	−52·181	− 5	m	...
..	41·805	−11·562	− 4	m	...
..	42·144	−11·232	− 4	...	...
.	+42·169	+51·191	− 1	.	...
	42·178	+36·953	− 5	m	...
*	42·[illegible]	−17·156	3·00	43.2891	8·4
*	42·676	−35·368	1·05	43.2892	9·8
	42·969	− 2·317	− 4	m	...
1301					
...	+43·068	−13·598	− 5	m	...
*	43·146	−44·785	1·00	43.2894	10·2
.	43·298	+23·286	− 4	...	...
...	43·371	−18·501	− 2	.	...
*	43·39[illegible]	−13·619	1·05	42.2839	9·7
*	43·569	−13·472	2·00	43.2893	8·9
	43·620	−15·925	0·65	.	
	43·866	−38·348	− 5	m	...
*	43·8[illegible]	+ 3·717	·95	42.2840	10·2
...	43·887	−49·094	− 5	m	
1311					
	+44·097	−44·299	− 3		
.	44·129	−[illegible]	− 5	m	
	44·223	−11·[illegible]	− 4		
...	44·[illegible]	−11·[illegible]	− 4		
†	44·812	−[illegible]	0·65	...	
*	44·[illegible]	− 8·410	0·80		...
.	45·001	−[illegible]	− 3	...	...
*	45·109	+33·141	1·00	42.2841	10·[illegible]
*	45·149	−47·824	1·[illegible]	43.2895	9·[illegible]
...	45·281	−23·600	− [illegible]	m	

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
1321–1380					
1321					
...	+45·404	−37·470	− 3	...	...
...	45·555	+30·460	− 3	...	...
...	45·574	+35·489	− 4	m	...
...	45·617	−25·298	− 5	m	...
...	45·722	+29·301	− 3	...	...
*	+45·947	+22·514	1·00	42.2843	10·0
...	46·011	+26·789	− 4	...	...
...	46·133	− 8·861	− 5	m	...
...	46·150	+46·165	− 2	42.2842	10·3
...	46·235	+33·634	− 4	...	...
1331					
...	+46·266	−48·809	− 3	43.2896	10·2
...	46·317	+41·517	− 5	m	...
...	46·343	+27·543	− 2	...	...
...	46·512	+ 3·154	− 5	m	...
*	46·670	+17·604	1·00	42.2844	9·8
...	+46·716	+ 4·270	− 3	...	...
*	47·015	+56·591	1·60	41.2869	9·6
*	47·140	+32·068	1·05	42.2845	9·9
...	47·185	+ 4·600	− 5	m	...
...	47·194	−29·852	− 1	...	...
1341					
*	+47·566	+28·019	1·90	42.2846	9·2
*	47·592	+12·525	1·30	42.2847	9·6
...	47·714	+ 3·392	− 5	m	...
...	47·990	+ 8·843	− 1	...	...
...	48·164	−15·633	− 4	...	...
...	+48·174	+23·298	− 3	...	...
*	48·232	+ 4·650	1·10	42.2848	9·9
...	48·279	−36·019	− 5	m	...
...	48·323	−47·106	− 3	...	...
...	48·371	+34·426	− 3	...	...
1351					
...	+48·396	−58·189	− 4		...
†	48·432	−15·090	− 1	...	..
...	48·567	−52·555	− 5	m	...
S *	48·650	−36·559	2·35	43.2897	8·5
*	48·772	− 3·014	1·00	42.2850	10·2
*	+48·814	+18·448	2·00	42.2849	9·0
...	48·975	+35·012	− 5	m	...
...	49·008	+27·662	0·75	...	...
...	49·010	+19·431	− 3	...	...
...	49·049	−43·143	− 2	.	...
1361					
.	+49·118	+57·349	− 3	...	..
*	49·164	− 3·840	1·15	42.2851	9·8
.	49·226	−12·135	− 4	b	...
...	49·230	−24·909	− 1	a	...
..	49·432	+ 7·798	− 1	...	...
...	49·449	+34·966	− 5	m	...
...	49·456	+22·637	− 5	...	...
	49·789	+ 0·357	1·40	42.2854	9·4
*	50·006	+31·359	1·00	42.2852	10·0
*	50·279	+40·934	1·05	42.2853	9·9
1371					
	+50·529	+ 3·028	0·70	.	...
...	50·643	−21·624	− 2	...	...
S *	50·662	+ 2·436	2·50	42.2857	8·4
†	51·011	+49·806	− 1	42.2855	10·3
...	51·327	+54·146	− 5	...	.
*	+51·[illegible]	+54·049	1·15	42.2856	9·8
	51·894	+32·103	− 2	..	...
	51·987	[illegible]	− 5	.	
*	52·020	−20·759	1	43.2899	10·1
...	52·371	−15·412	− 3	...	..

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
1381–1440					
1381					
*	+52·455	+11·853	0·95	42.2859	10·3
...	52·467	−58·631	1·20	43.2901	10·0
*	52·565	+ 9·077	2·00	42.2858	9·2
...	52·687	+35·688	− 4	...	...
*	52·701	− 8·846	1·50	43.2900	9·6
...	+52·747	−47·638	− 5	...	...
..	52·880	−36·332	− 1	...	...
...	53·201	−49·520	− 3	...	...
...	53·465	−40·377	1·00	43.2903	10·2
...	53·552	+26·561	0·65	...	...
1391					
*	+53·699	−24·741	1·25	43.2902	9·6
...	53·712	− 1·701	− 5	e	...
...	53·732	+32·332	− 1	...	...
...	53·827	+36·022	− 1	...	...
...	53·832	+56·157	− 5	...	...
...	+53·909	+ 2·948	− 5	e	..
...	54·018	+19·683	− 5	e	...
...	54·077	+ 8·487	− 5	...	
...	54·109	−31·106	− 5	e	...
...	54·151	−24·793	− 3	...	...
1401					
...	+54·320	−18·937	− 5	e	...
...	54·335	+52·131	− 4	...	...
...	54·411	−40·239	− 3	...	...
†	54·798	+38·060	0·90	42.2860	10·3
...	54·970	−21·037	− 4	e	...
...	+55·108	−30·983	0·65	...	...
...	55·133	−28·304	0·80	...	...
*	55·172	− 2·036	1·00	42.2861	9·4
*	55·255	+27·116	1·10		
*	55·[illegible]	−57·917	1·70	43.2905	9·6
1411					
..	+55·[illegible]	+17·289	− 4	...	...
...	55·233	−49·536	− 5	...	...
..	55·34[illegible]	−22·460	− 5	e	...
...	55·506	− 4·094	− 5	e	...
...	55·669	+37·425	− 4	...	...
*	+55·779	−17·154	1·80	43.2904	9·6
*	56·116	−11·645	1·20	43.2906	9·8
*	56·29[illegible]	+25·283	1·40	42.2862	9·6
...	56·402	− [illegible]·441	− 4	e	...
...	56·428	+23·770	− 5	e	...
1421					
...	+56·498	− 4·968	− 3	...	...
e *	56·566	− 0·606	0·95	42.2863	10·2
†	56·733	−54·897	− 3	43.2908	10·2
...	56·742	+43·545	− 5	...	...
...	56·804	−17·068	− 5	e	...
*	+57·233	−19·681	0·95	43.2907	10·2
...	57·282	+10·685	− 4	...	...
*	57·443	+ [illegible]·164	1·40	42.2864	9·6
...	57·474	−33·541	− 2	...	...
...	57·546	−19·333	0·75	...	...
1431					
...	+57·892	+ 11·651	− 5	e	..
...	58·031	− 2·455	− 4	e	...
*	58·068	+17·251	0·95	42.2865	10·3
S *	58·149	− 7·862	2·00	43.2909	8·8
.	58·208	+19·069	− 5	e	.
..	58·392	−37·813	− 5	e	...
..	58·409	+ 1·315	− 3	...	...
	58·445	−20·226	− 4	e	...
...	58·460	−43·233	− 5	e	...
*	58·546	+42·788	1·60	42.2866	9·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1441–1450					
1441					
...	+58·760	− 2·043	0·65	...	...
*	58·811	+16·570	1·3	42.2868	9·8
*	59·025	+49·317	1·40	42.2867	9·7
...	59·189	+31·918	1·00	42.2869	10·3
...	59·258	+37·050	− 5	*m*	...
...	+59·258	−17·522	− 5	*r*	...
*	59·415	−16·376	1·00	43.2910	10·2
...	59·457	+ 0·013	− 4	*m*	...
N ‡	59·501	−49·946	1·40	43.2912	9·2
N *	59·550	−49·854	1·90		
1451					
1451					
...	+59·573	−58·854	− 3	43·2913	10·2

1449, 1450. 43°·53, mass; 44°·53, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–40					
1					
S *	−59·123	+ 2·304	2·75	42.2857	8·4
...	58·811	+31·994	0·75	...	...
...	58·661	−40·077	− 5	M	...
...	58·123	+35·605	− 1	...	...
...	58·021	+ 3·244	− 3	M	...
...	−57·955	−28·434	− 5	M	..
...	57·837	+15·328	− 2	...	...
*	57·635	+11·772	1·05	42.2859	10·3
...	57·585	+56·106	− 2	...	...
...	57·539	−17·498	− 5	M	...
11					
...	−57·431	+19·211	− 5	M	...
*	57·428	+ 8·998	1·65	42.2858	9·2
...	57·410	+36·612	− 4	...	...
...	57·300	−15·677	− 3	E	..
*	57·102	−20·841	1·10	43.2899	10·1
...	−56·989	+35·966	0·80	..	...
...	56·987	+32·285	0·65	...	...
...	56·974	+26·501	0·85	..	...
...	56·967	+52·098	− 2	...	...
..	56·809	+56·652	− 5	M	...
21					
*	−56·766	− 8·904	1·50	43.2900	9·6
...	56·307	+19·638	− 4	E	...
...	56·070	+38·043	1·00	42.2860	10·3
...	55·981	− 1·731	− 3	E	..
...	55·927	+ 8·458	− 2	...	...
...	−55·919	+ 2·908	− 2	E	...
...	55·786	−36·377	1·00	...	...
...	55·568	−47·678	− 2	...	...
*	55·531	−58·677	1·20	43.2901	10·0
n *	55·361	+27·036	1·15	42.2861	9·4
31					
‡	−55·296	−24·756	1·50	43.2902	9·6
n *	55·293	+27·119	1·15	42.2861	9·4
...	55·263	+ 16·433	− 3	M	...
...	55·182	+37·433	− 2	...	..
...	55·103	+21·216	− 5	M	...
...	−55·076	−49·542	0·65	..	...
*	55·068	−40·406	1·10	43.2903	10·2
...	55·047	+17·287	0·65	...	...
†	54·883	+54·985	− 2	...	...
...	54·864	−18·950	− 2	E	...
41–80					
41					
†	−54·845	−24·797	− 1	..	...
...	54·842	−34·433	− 4	M	...
...	54·708	−31·102	− 4	E	...
†	54·287	+43·591	− 3	...	..
*	54·192	+25·319	1·30	42.2862	9·6
...	−54·144	−21·029	− 2	E	...
...	54·143	−40·235	− 1	..	...
...	54·072	+37·615	− 5	M	...
...	54·071	+15·289	− 5	M	...
..	54·036	+23·809	− 4	E	...
51					
...	−53·804	−14·074	− 3	E	...
..	53·775	−28·281	0·90	.	...
...	53·733	−22·444	− 3	E	...
...	53·712	−30·972	0·95	..	...
*	53·446	−17·118	1·55	43.2904	9·6
*	−53·278	−11·600	1·20	43.2906	9·8
...	53·216	+48·474	− 5	M	...
E	53·156	− 0·563	1·10	42.2863	10·2
...	53·136	− 7·399	− 2	E	...
...	53·115	−41·263	− 3	M	...
61					
...	−53·049	−49·502	− 1	.	...
...	53·021	+49·779	− 5	M	...
*	52·837	−57·893	1·50	43.2905	9·6
...	52·782	+10·748	0·70	...	...
*	52·454	+42·873	1·35	42.2866	9·4
...	−52·440	−17·006	− 3	E	...
*	52·300	+ 0·238	1·35	42.2864	9·6
...	52·236	−53·577	− 5	M	...
...	52·216	+11·738	− 4	E	...
*	52·190	+17·338	1·10	42.2865	10·3
71					
*	−52·178	+49·414	1·30	42.2867	9·7
...	52·117	+19·146	− 3	E	...
*	51·929	−19·603	1·05	43.2907	10·2
*	51·697	+57·609	1·15	41.2889	10·2
...	51·649	− 2·370	− 1	E	...
...	−51·617	−19·245	1·00		...
...	51·593	+53·305	− 1	42.2870	1·3
...	51·589	+37·161	− 3	M	..
...	51·528	−18·161	− 5	M	...
*	51·489	+32·026	1·10	42.2869	10·3
81–120					
81					
*	−51·417	+16·683	1·25	42.2868	9·8
..	51·390	−34·837	0·95	43.2908	10·2
...	51·373	+42·463	− 4	M	...
...	51·371	+ 1·415	− 1	...	...
S *	51·353	− 7·761	2·15	43.2909	8·8
*	−51·283	+55·336	1·65	41.2891	9·4
...	51·279	−33·457	0·85	..	...
...	50·919	− 1·937	0·90	...	...
...	50·908	+47·357	− 4	M	...
...	50·689	−20·112	− 2	E	...
91					
...	−50·654	+50·586	− 4	M	...
...	50·614	+39·144	− 4	M	...
...	50·551	+46·169	− 5	M	...
..	50·419	+25·829	0·85		...
†	50·272	+ 0·145	− 3	M	...
.	−50·238	−37·700	− 5	E	...
*	50·157	+50·157	1·10	42.2871	10·0
..	50·123	+13·230	0·75	..	...
..	50·019	−43·104	− 2	E	...
...	49·993	−17·382	− 5	E	...
101					
*	−49·828	−16·236	1·10	43.2910	10·2
...	49·781	− 3·050	− 1	B	...
...	49·763	+31·507	− 3	M	...
*	49·604	+34·349	1·05	...	...
...	49·594	+46·764	0·65	...	...
...	−49·566	+26·388	− 4	M	...
*	49·494	+ 8·984	1·10	42.2872	10·3
*	49·473	+18·651	1·05	...	...
...	49·440	−12·080	− 1	A	...
..	49·389	−14·652	− 2	B	...
111					
†	−49·350	− 3·393	− 2	B	..
‡	49·322	+14·094	1·15	42.2874	9·7
*	49·206	− 1·502	1·25	42.2873	9·6
...	49·160	+16·888	− 3	...	...
*	48·947	−29·725	1·55	43.2911	9·6
N	−48·730	−49·738	2·25	43.2912	9·2
..	48·693	− 7·608	− 5	M	...
.	48·443	−53·681	0·65	43 2913	10·2
...	48·334	+ 5·234	− 4	...	...
.	48·162	− 7·052	− 3	M	...

H measured from 1, 216, 450, 692, 907, 1191.
B ,, ,, 112, 341, 575, 795, 1076, 1291.

30, 32. C.P.D., probably mass.
116. Mass: 43°·52, 44°·53, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
121–180					
121					
...	−48·019	−13·533	− 5	° M	...
...	47·[illegible]	+23·222	0·75	42.2875	10·3
...	47·666	−20·781	− 5	M	...
...	47·51[illegible]	− [illegible]366	0·75	43.2915	10·2
*	47·483	−20·749	1·50	43.2914	9·8
...	−47·439	− [illegible]106	− 3	M	..
..	47·237	−34·438	− 2	...	...
..	47·126	+ 2·746	− 5	M	...
*	46·900	+14·372	1·05	42.2876	9·9
...	46·851	− 5·595	− 4	M	...
131					
*	−46·787	−18·076	1·15	43.2916	9·8
...	46·760	+ 2·741	− 5	M	...
...	46·728	−23·315	− 1	...	...
...	46·659	+54·529	0·90	41.2898	10·2
...	46·600	−57·097	− 5	M	...
...	−46·551	+56·548	− 5	...	...
*	46·511	+14·362	1·05	42.2877	10·0
...	46·509	+16·871	− 2	..	..
..	46·498	− 2·876	− 4	M	...
*	46·432	−37·582	1·55	43.2918	9·6
141					
*	−46·370	−49·325	1·65	43.2917	9·6
*	46·304	+42·490	5·50	42.2878	6·6
...	46·[illegible]	+ 1·593	0·70	..	...
...	46·146	−19·247	− 5	M	...
...	46·031	+12·344	− 5	M	...
*	−46·031	− 8·501	1·30	43.2920	9·8
*	45·649	+42·866	1·15	42.2879	9·7
*	45·608	−54·88[illegible]	1·15	43.2919	9·8
...	45·58[illegible]	−37·124	− 5	M	...
*	45·574	−25·130	1·05	43.2922	10·2
151					
...	−45·574	[illegible]3·27[illegible]	0·95	43.2921	10·2
*	45·300	+55·691	2·65	41.2902	8·6
*	45·216	− 2·481	1·45	42.2881	9·6
...	45·205	+24·006	0·65	..	...
*	45·196	+11·445	1·10	42.2880	9·8
...	−45·052	−17·928	− 4	M	...
...	45·051	+27·373	− 5	M	..
...	44·992	−25·036	− 4	M	..
...	44·935	− 5·[illegible]50	− 3	...	..
...	44·892	+26·318	− 4	M	...
161					
*	−44·864	+37·332	1·90	42.2882	9·0
...	44·829	+13·013	− 5	M	...
*	44·168	−22·853	2·0	43.2923	8·8
...	44·1[illegible]	−53·[illegible]17	− 4	M	...
...	43·887	−49·848	− 1	43.2924	10·2
*	−43·804	+18·298	1·05	42.2883	10·2
...	43·696	[illegible]	0·70		
..	43·657	+29·412	− 5	...	..
*	43·[illegible]	−23·996	1·05	43.2926	9·8
..	43·[illegible]	+31·901	− 5	M	..
171					
.	−43·341	+10·202	1·25	42.2884	9·7
...	43·[illegible]	+22·222	− 4		...
*	42·978	[illegible]	1·9	43.2927	9·4
*	42·667	+3[illegible]	1·50	42.2886	9·7
...	42·624	−2[illegible]	− 5	M	..
S *	−42·520	+43·973	3·1	42.2889	9·7
*	42·516	[illegible]	1·05	42.2887	10·4
*	42·492	[illegible]	1·15	42.2885	1[illegible]
...	42·[illegible]	[illegible]	[illegible]	M	..
...	42·454	−26·322	− 5	M	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
181–240					
181					
...	−42·406	−41·401	0·65	...	...
...	42·393	− 5·287	0·65	42.2888	10·2
...	42·347	−28·855	− 5	M	...
†	42·179	− 4·862	− 3	...	...
...	42·101	+16·165	0·80	...	...
...	−42·094	− 2·0[illegible]	− 5	M	...
..	42·077	−27·866	− 1	...	...
..	41·987	+10·558	− 3	...	...
...	41·946	+22·041	0·70	...	...
...	41·824	−26·225	0·70	43.2928	10·2
191					
...	−41·388	−52·808	− 5	M	...
...	41·373	− 8·747	− 1	...	...
*	41·355	+56·482	1·90	41.2912	9·6
...	41·334	+22·499	0·75	...	...
...	41·299	+51·686	− 5	...	...
...	−41·186	+30·220	− 4	...	...
...	41·153	+51·768	0·75	42.2890	10·4
..	41·116	+43·539	− 1	...	...
...	41·086	+44·249	− 4	...	...
*	41·014	−56·785	2·00	43.2929	9·4
201					
*	−40·923	−16·695	1·60	43.2930	9·5
...	40·849	+26·075	− 5	M	...
*	40·527	+56·863	1·25	41.2916	10·0
...	40·456	−25·414	− 1	...	...
*	40·382	−11·918	1·15	43.2933	9·8
*	−40·361	−26·837	1·25	43.2931	9·8
...	40·344	− 2·491	0·75	42.2891	10·2
...	40·252	−40·766	1·00	43.2932	10·1
..	40·222	−12·725	− 4	M	...
...	40·095	−24·692	0·75	43.2934	10·2
211					
*	−39·988	+ 6·352	1·80	42.2892	9·3
..	39·867	+22·475	0·80	...	...
...	39·795	−11·674	− 1	...	...
*	39·724	+20·266	1·45	42.2893	9·6
...	39·714	+41·353	− 1	...	...
...	−39·232	−31·183	− 4	M	...
*	39·202	−11·813	1·65	43.2935	9·5
...	39·118	−42·815	0·65	...	...
*	39·050	+37·738	1·40	42.2895	9·4
...	39·031	− 2·622	− 3	M	...
221					
*	−39·015	+11·983	1·25	42.2894	10·0
*	38·957	−45·708	1·40	43.2937	9·6
...	38·937	+21·060	− 5	M	...
*	38·887	−53·5[illegible]	1·10	43.2936	10·2
*	38·802	−36·392	1·20	43.2938	10·0
...	−38·723	−18·898	− 1	A	...
...	38·685	−52·669	− 4	M	...
*	38·671	− 5·484	1·1[illegible]	42.2896	10·4
†	38·623	+44·964	− 3	M	...
..	38·613	−11·223	− 4	M	...
231					
.	−38·531	+ 17·41[illegible]	0·80	...	...
*	38·[illegible]24	[illegible]	1·10	42.2897	10·4
..	38·385	−14·9[illegible]	− 4	[illegible]	.
.	38·340	− 3·36[illegible]	0·85	...	...
.	38·31[illegible]	+ 0·878	− [illegible]	M	..
*	−38·120	−20·252	1·3[illegible]	43.2939	9·8
.	38·[illegible]74	+ 1·351	0·70	A	.
.	38·032	+16·661	− 5	M	.
...	37·924	+27·271	− 4	M	...
...	37·902	−11·257	− 3	M	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
241–300					
241					
*	−37·865	+42·125	1·10	42.2898	10·4
...	37·626	−46·335	− 3	M	...
...	37·521	−44·922	0·95	...	...
...	37·471	−23·451	0·85	...	...
...	37·449	+18·009	− 4	M	...
...	−37·325	+43·03[illegible]	0·85	...	...
*	37·218	+40·3[illegible]9	1·30	42.2899	9·8
..	37·197	−20·42[illegible]	− 2	...	...
...	36·994	+40·776	− 5	M	...
...	36·991	−12·205	0·70	B	...
251					
...	−36·975	−52·581	− 4	M	...
...	36·960	−26·038	− 1	B	...
...	36·904	+50·512	− 1	...	...
...	36·862	−57·116	0·80	...	...
...	36·802	+14·254	− 3	M	..
...	−36·671	−12·988	− 4	M	...
...	36·666	+10·516	0·70	...	...
...	36·583	+27·580	5	M	..
...	36·408	+ 6·939	− 3	...	...
*	36·355	+35·37[illegible]	1·25	42.2900	10·0
261					
*	−36·217	−56·839	1·15	43.2940	10·0
...	36·007	−41·614	− 4	M	...
...	35·944	− 7·702	0·75	...	...
...	35·877	−24·950	− 5	M	...
*	35·867	− 1·039	1·05	42.2901	10·4
...	−35·845	−34·006	− 3	M	...
..	35·636	−56·193	− 3	M	...
...	35·553	+42·410	0·80	...	...
...	35·138	−16·321	− 4	M	...
...	35·11[illegible]	−43·309	0·75	...	...
271					
*	−34·929	+ 0·652	1·10	...	...
...	34·897	+ 2·264	0·70	...	...
...	34·860	− 5·655	− 4	M	..
...	34·843	+ 4·739	− 1	...	...
...	34·765	− 4·581	0·80	...	...
...	−34·665	−24·103	− 3	M	...
...	34·573	+ 9·966	− 5	M	...
...	34·502	+39·803	0·65	...	...
†	34·409	+55·818	− 4	...	...
†	34·393	+26·862	1·15	42.2902	10·0
281					
†	−34·376	− 4·80[illegible]	0·75	...	...
†	34·331	+25·613	0·75	...	...
*	34·2[illegible]9	+22·259	1·00	..	...
...	34·232	+16·416	0·75	..	...
*	34·210	+20·289	1·00	...	...
	−34·170	−58·467	− 5	M	...
..	34·083	+36·864	0·90	..	...
*	34·082	−45·[illegible]	0·90	43.2941	10·2
...	34·073	+38 582	0·80	..	...
...	33·992	+27·[illegible]	− 2	...	...
291					
*	−33·9[illegible]	−45·[illegible]	0·80	43.2941	10·2
..	33·839	+23·326	− 5	M	..
‡	33·839	+25·125	1·00	...	..
	33·823	−49·506	− 5	M	...
...	33·368	+11·094	0·90	...	..
.	−33·389	[illegible]	− 1	..	...
...	33·282	+19·884	− 2	...	...
...	33·275	− 1·419	0·70	...	...
...	33·260	−14·988	0·80	...	...
...	33·015	+14·407	− 4	M	...

288, 291. C.P.D., probably mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
301-360					
301					
*	−32·974	−25·115	1·00	43.2942	10·1
*	32·973	+15·737	1·05	42.2903	10·4
*	32·571	+ 2·023	2·35	42.2904	8·5
...	32·461	−21·069	− 1	...	...
*	32·428	+56·573	2·20	41.2934	9·2
*	−32·423	+55·307	1·30	41.2933	10·0
*	32·270	+32·764	1·10	42.2905	10·4
...	32·251	+39·241	0·65	...	...
*	32·180	−40·287	1·10	43.2943	9·8
...	32·169	+28·440	0·85	...	...
311					
*	−32·157	−22·876	1·10	43.2944	10·1
...	32·117	−35·611	− 1	...	...
...	31·817	+ 34·265	− 5	M	...
...	31·666	−44·114	− 5	M	...
...	31·655	−49·254	− 4	M	...
*	−31·358	−18·434	1·00	...	...
...	31·341	+24·329	− 2	..	...
...	31·084	−38·300	0·90	...	...
*	30·994	+30·288	1·05	42.2906	10·4
N *	30·928	+44·608	2·15	42.2907	9·1
321					
...	−30·894	− 0·057	− 1	a	...
†	30·893	+15·141	− 5	M	...
...	30·844	−10·908	0·70	A	...
...	30·760	−56·631	− 3	M	...
...	30·726	+35·880	− 4	...	...
...	−30·455	− 1·537	0·80	...	...
...	30·341	−29·408	− 3	M	...
...	30·325	− 2·648	− 1	B	...
*	30·299	−42·149	1·00	...	...
*	30·269	−46·188	1·00	...	...
331					
...	−30·205	−19·577	− 2	M	...
*	30·165	−37·247	1·35	43.2945	9·6
*	30·094	+58·001	1·45	41.2937	9·7
...	30·079	+ 3·927	0·70	A	...
*	30·078	+37·642	1·25	42.2908	9·8
...	−30·020	− 7·811	− 2	M	...
*	29·827	+55·492	1·15	41.2939	10·4
*	29·750	+36·043	1·05	42.2909	10·4
...	29·679	+12·320	− 3	M	...
†	29·451	+40·772	0·75	...	...
341					
†	−29·322	−42·150	− 2	...	...
...	29·277	+22·167	− 4	...	...
S ‡	29·222	−53·089	3·80	43.2946	7·2
...	29·103	−27·990	− 3	...	...
...	28·826	+39·863	− 2	...	...
*	−28·788	−22·711	1·00	43.2947	10·1
...	28·513	−21·449	− 3	...	...
...	28·479	−34·493	− 3	...	...
*	28·358	−40·730	1·40	43.2948	9·4
...	28·188	+28·966	− 4	...	...
351					
...	−28·173	− 8·064	− 3	...	...
...	27·937	−33·472	− 3	...	...
*	27·711	+47·204	1·10	42.2911	10·0
...	27·660	+22·707	− 3	...	...
...	27·639	+45·979	0·75	42.2910	10·4
*	−27·627	−48·439	1·15	43.2949	9·8
...	27·564	+ 0·241	0·70	42.2912	10·4
*	27·489	− 0·787	1·00	42.2913	10·4
...	27·376	−26·703	− 4	M	...
...	27·362	− 5·372	− 5	M	...
361-420					
361					
..	−27·142	−20·737	− 3	...	...
.	27·102	+48·771	− 2	.	.
...	27·099	+48·648	− 5	M	..
*	27·088	+33·954	1·15	42.2914	10·4
†	26·941	−14·813	− 3	...	.
...	−26·930	−36·533	0·70	.	..
...	26·914	−17·829	− 1	..	...
*	26·804	+49·846	1·00	42.2916	10·4
...	26·788	+37·241	− 4	M	..
*	26·768	−23·222	3·25	43.2950	7·6
371					
...	−26·685	−13·778	− 4	M	...
*	26·628	+ 3·837	1·60	42.2915	9·3
*	26·595	− 5·856	2·00	43.2951	8·8
...	26·589	−36·311	0·70	.	.
...	26·316	−10·694	− 5	M	...
*	−26·283	−38·103	1·00	43.2953	10·0
...	26·241	−58·522	0·80	43.2952	10·2
..	26·184	−17·368	− 2	..	...
...	26·183	−25·974	0·70	43.2954	10·2
*	26·108	+47·791	1·20	42.2917	10·0
381					
...	−26·036	− 0·193	− 4	M	...
...	25·922	− 4·939	− 4	M	...
...	25·914	+ 4·465	− 5	M	...
*	25·865	+26·195	1·05	42.2919	10·2
*	25·810	− 1·412	1·60	42.2918	9·4
...	−25·644	+52·044	− 5	...	...
...	25·634	+47·995	− 5	M	...
*	25·298	+36·366	2·45	42.2921	8·4
*	25·246	+12·039	1·15	42.2920	10·0
...	25·034	+34·450	− 5	M	...
391					
*	−24·913	+18·793	1·00	...	...
...	24·907	− 4·582	0·70	...	...
...	24·862	+ 2·778	− 1	...	...
...	24·791	− 5·022	− 5	M	...
*	24·714	−23·283	1·10	43.2955	9·8
...	−24·687	+ 5·340	− 5	M	..
...	24·610	− 1·551	− 5	M	...
...	24·592	+ 2·790	− 3	...	...
...	24·181	+26·062	− 5	M	...
...	24·144	− 3·422	− 5	M	...
401					
*	−23·838	+22·373	1·05	42.2922	10·1
...	23·813	+35·919	− 5	M	...
...	23·737	−50·989	− 5	M	...
*	23·606	−25·821	1·10	43.2956	10·0
...	23·515	−10·999	0·70	...	...
...	−23·391	−15·118	− 3	M	...
*	23·390	+14·132	1·10	42.2923	10·1
...	23·325	+44·941	0·70	42.2924	10·4
...	23·318	+ 3·249	− 3	...	...
...	23·299	−40·946	− 4	..	...
411					
†	−23·125	+50·078	− 1	...	...
*	23·053	−12·735	1·35	43.2957	9·8
...	22·938	+13·336	0·85	42.2925	10·4
..	22·919	−16·773	− 2	...	...
...	22·844	− 2·531	− 4	M	...
...	−22·843	−11·547	− 5	...	...
...	22·701	+57·180	− 1	..	...
...	22·684	+25·808	− 4	..	...
*	22·668	+47·955	3·50	42.2926	7·4
...	22·380	−18·810	− 5	M	..
421-480					
421					
	−22·295	+ 1·266	− 5	M	...
	22·224	+53·269	− 4	...	...
*	22·209	+34·493	2·75	42.2927	8·3
	21·837	−25·712	0·70	43.2958	10·2
...	21·827	+16·095	0·75	..	...
...	−21·814	−16·438	− 5	M	...
	21·692	+40·894	− 3	...	...
...	21·664	−22·053	− 5	M	...
...	21·443	−46·673	0·85	43.2959	10·2
...	21·352	− 5·689	0·75	...	...
431					
...	−21·342	+22·057	0·65	..	...
†	21·128	+15·097	− 1	...	...
...	21·071	−21·634	− 4	M	...
...	20·890	+14·001	0·90	42.2928	10·4
...	20·888	22·168	− 5	M	...
...	−20·819	10·[illegible]4	− 2	.	...
...	20·814	+17·573	− 4	...	...
...	20·663	+51·5[illegible]9	− 4	.	...
..	20·641	−30·309	− 4	M	...
*	20·435	+31·315	1·00	42.2930	10·4
441					
*	−20·403	−36·172	3·00	43.2960	8·0
*	20·275	+28·356	1·90	42.2929	9·2
*	20·057	−22·221	1·20	43.2961	9·8
...	20·029	+ 2·157	− 5	M	...
...	19·960	+40·371	− 5	M	...
...	−19·845	+31·546	− 3	...	...
...	19·620	−41·099	− 4	M	...
...	19·597	+11·312	0·75	...	...
*	19·551	+45·994	1·15	42.2931	9·8
†	19·361	−18·191	− 2	M	...
451					
*	−19·232	−28·756	1·75	43.2962	9·0
*	19·137	−42·171	1·50	43.2963	9·1
...	19·134	+23·319	− 2	...	...
...	18·957	−27·606	0·70	...	...
...	18·769	−52·783	− 4	M	...
*	−18·673	−24·645	1·05	43.2965	10·0
.	18·413	−53·703	− 5	M	...
...	18·372	−15·062	0·80	...	...
...	18·306	−10·193	0·85	...	...
†	18·087	−29·765	− 5	M	...
461					
...	−18·035	+42·988	− 2	...	...
...	18·021	+ 7·920	0·70	...	...
*	17·999	−23·518	1·35	43.2966	9·5
...	17·998	+15·813	− 3	M	...
...	17·899	+46·532	− 3	...	...
...	−17·809	−48·352	0·65	...	...
*	17·652	−13·478	1·20	43.2967	9·8
...	17·543	− 2·651	− 3	M	...
...	17·431	+ 8·978	− 4	M	...
...	17·408	+50·090	− 2	...	...
471					
...	−17·378	+ 3·237	− 5	M	...
...	17·206	+49·605	− 4	M	...
*	17·117	−10·303	1·00	43.2968	10·2
...	16·937	−27·969	0·75	...	...
..	16·875	+37·068	− 2	..	...
...	−16·754	− 7·643	− 4	M	...
*	16·627	−11·160	1·00	43.2970	10·2
*	16·575	−51·238	1·70	43.2969	9·2
*	16·541	+48·724	1·05	42.2932	10·4
.	16·339	+19·658	0·75	...	...

320. 42°·53, two stars.

481 540

Notes.	Co-ordinates. x.	y.	Diam. 0·70.	C.P.D. No.	Mag.
481					
...	−16·325	−57·846	− 1	A	...
*	16·252	−24·523	1·10	43.2971	9·8
*	16·1[illegible]	[illegible]	1·10	42.2933	10·2
*	16·104	−12·[illegible]	2·90	43.2972	8·1
.	16·095	−20·999	0·70	...	...
*	−16·033	+3[illegible]	1·70	42.2934	9·2
...	15·9[illegible]	+ 8·838	− 3	M	...
*	15·967	−14·458	1·10	43.2973	10·0
...	15·[illegible]	−41·521	− 5	M	...
...	15·930	−34·220	− 5	M	.
491					
...	−15·705	−5[illegible]	− 3	M	...
...	15·[illegible]	+ [illegible]	0·90	...	...
...	15·523	+28·859	− 3	M	...
*	15·4[illegible]	+49·463	1·60	42.2935	9·0
.	15·[illegible]	+49·187	− 5	M	...
...	−15·260	−[illegible]	0·90	43.2974	10·1
*	15·118	−48·782	1·05	43.2975	10·2
*	15·094	+43·[illegible]	1·65	42.2936	9·2
*	15·071	+58·919	2·50	41.2962	8·6
..	14·961	− 5·[illegible]	− 3	M	...
501					
*	−14·943	− 3·[illegible]	1·05	42.2937	10·4
*	14·94[illegible]	−44·066	1·40	43.2976	9·6
...	14·659	+28·451	0·70	...	...
...	14·646	+20·428	− 3	M	...
...	14·614	+ 8·003	− 5	M	...
N *	−14·452	+45·9[illegible]	3·00	42.2938	7·8
*	14·148	+32·340	1·10	42.2939	10·4
...	14·[illegible]63	+44·650	0·80	...	...
..	13·90[illegible]	− 3·[illegible]	0·85	...	...
*	13·[illegible]97	−38·600	1·50	42.2940	9·2
511					
...	−13·690	+12·243	− 4	M	...
...	13·409	+ 9·856	− 5	M	...
...	13·406	+ [illegible]·426	− 3	...	...
...	13·405	−24·221	− 2	...	...
*	13·330	−32·042	1·25	43.2977	9·6
.	−13·236	+19·329	− 1	...	...
...	13·197	+ 2·550	− 3	M	...
*	13·181	−53·932	1·20	43.2978	9·8
..	13·177	−19·866	− 2	M	...
*	13·115	+53·560	2·35	42.2941	8·5
521					
...	−13·033	−44·[illegible]	0·65	A	...
.	12·992	+54·[illegible]	3·5	41.2969	7·5
†	12·938	+10·124	− 3	B	...
*	12·888	−21·997	1·30	43.2979	9·8
.	12·709	−19·806	1·05	43.2980	10·2
.	12·633	+ 7·884	0·85	A	...
*	12·424	+38·[illegible]	2·70	42.2942	8·4
...	12·362	+35·244	− 2	M	...
..	12·3[illegible]	−55·652	0·65		
...	12·32[illegible]	+13·297	− [illegible]		
531					
.	12·109	−22·297	0·65		...
*	12·103	− 9·194	1·20	43.2982	9·8
*	12·063	−41·920	2·70	43.2981	8·4
.	12·058	[illegible]	1·10	42.2943	10·2
...	12·040	−10·249	− 1	A	...
*	11·896	−[illegible]	1·45	42.2944	9·4
...	11·[illegible]	+ 8·776	0·7[illegible]		
*	11·[illegible]	−11·329	1·30	43.2983	9·5
..	11·[illegible]	+42·803	0·90	...	...
*	11·[illegible]	+21·565	1·05	42.2945	10·2

541-600

Notes.	Co-ordinates. x.	y.	Diam. 0·70.	C.P.D. No.	Mag.
541					
...	−11·573	−15·763	− 4	M	...
*	11·559	+52·975	2·85	42.2947	7·8
...	11·521	+46·050	− 5	M	...
*	11·518	+39·362	1·50	42.2946	9·2
...	11·345	+17·801	− 4	M	...
...	−11·267	−37·714	0·65	...	...
..	11·206	+24·565	− 3	M	...
..	11·146	−44·270	− 3	M	...
*	11·112	−47·851	1·20	43.2985	9·8
†	11·075	+10·178	0·70	...	...
551					
*	−10·964	−28·185	1·00	43.2986	10·2
...	10·852	+28·516	0·70	...	.
...	10·793	−53·749	− 4	M	...
*	10·757	+48·650	2·30	42.2948	9·0
...	10·561	−54·172	− 4	M	...
...	−10·485	− [illegible]	− 2	M	...
*	10·455	+49·063	1·10	42.2949	10·0
..	10·374	+27·844	0·80	...	...
...	10·368	−18·234	− 5	M	...
...	10·359	−56·809	− 1	...	...
561					
...	−10·203	−38·197	− 4	M	...
..	10·123	−20·706	− 3	M	...
.	10·065	− 7·445	− 2	M	...
...	10·045	+47·913	− 3	...	...
...	10·014	+35·195	− 5	M	...
...	− 9·991	+22·267	0·70	...	...
...	9·979	+ 8·141	− 5	M	...
*	9·818	+24·899	1·10	42.2950	10·0
...	9·731	−26·601	− 1	A	...
...	9·660	−59·279	− 4	M	...
571					
..	− 9·635	+ 5·073	− 5	M	...
...	9·614	−39·582	− 2	M	...
*	9·612	+30·334	1·70	42.2951	9·2
†	9·444	−38·269	− 3	M	...
†	9·426	+38·340	1·10	42.2952	9·8
...	− 9·211	−10·859	− 3	...	...
...	9·071	+42·042	− 1	...	...
*	9·038	+27·837	1·50	42.2953	9·6
...	8·865	+51·904	0·85	42.2954	10·4
...	8·779	+13·310	− 5	M	...
581					
...	− 8·764	− 8·235	− 4	.	...
...	8·539	+ 1·633	− 2	...	...
.	8·506	+40·962	0·65	...	...
..	8·435	−46·021	− 3	..	...
...	8·415	−51·179	− 3	...	...
...	− 8·346	+18·908	− 5	...	...
.	8·337	+53·803	0·70	.	...
..	8·276	− 7·515	− 5	...	...
.	8·125	−39·746	1·00	43.2987	9·8
*	8·094	+ 8·284	2·00	42.2955	9·2
591					
.	− 8·049	− 8·541	1·35	43.2988	9·8
.	8·035	−[illegible]	− 2	.	.
.	8·036	+49·208	2·[illegible]	42.2956	8·3
...	7·945	−[illegible]	− 5	M	...
...	7·928	−39·851	− 4	M	.
.	7·803	+[illegible]	− 4	.	...
.	7·738	−36·419	− 3	.	.
.	7·659	−38·396	− 3	...	...
†	7·649	−49·689	− 3	...	...
†	7·643	−51·841	2·30	43.2989	8·7

601-660

Notes.	Co-ordinates. x.	y.	Diam. 0·70.	C.P.D. No.	Mag.
601					
...	− 7·610	+15·912	− 5	M	...
...	7·509	+18·760	0·65	...	...
...	7·424	−48·383	0·65	...	...
*	7·412	+46·770	2·20	42.2957	8·7
*	7·1[illegible]	+ 0·841	3·00	42.2959	7·8
...	− 7·168	−15·608	0·85	43.2990	10·1
...	7·133	−41·964	− 3	..	...
*	7·089	+27·285	1·45	42.2958	9·7
...	7·055	+48·203	0·70	...	...
* [	7·030	−11·[illegible]	1·80	43.2992	9·2
611					
..	− 7·028	+15·360	0·80	...	...
*	7·011	−35·299	1·5[illegible]	43.2991	9·6
...	6·980	−49·050	0·65	..	...
...	6·852	−18·422	− 1	43.2994	10·2
*	6·840	−54·509	1·15	43.2993	9·8
..	− 6·629	+46·540	− 1	..	...
*	6·568	+20·017	1·00	42.2961	10·4
...	6·530	− 9·736	− 5	M	...
*	6·463	+48·160	2·55	42.2960	8·5
*	6·378	− [illegible]·077	1·00	42.2962	10·4
621					
...	− 6·220	+58·077	− 5	M	...
...	6·131	+ 0·394	− 4	M	...
...	6·117	−28·360	0·70	43.2995	10·2
...	5·575	+42·644	− 5	M	...
...	5·531	+16·702	− 4	...	...
...	− 5·413	−57·[illegible]	0·90	43.2996	10·1
*	5·107	+54·365	4·00	42.2963	7·4
*	5·038	− 1·526	1·40	42.2965	9·4
...	4·931	−58·361	− 3	m	...
...	4·761	+24·841	− 2	...	...
631					
...	− 4·721	+21·907	0·70	...	...
...	4·717	+41·633	0·75	42.2964	10·4
...	4·645	− 2·454	− 1	m	...
†	4·486	+36·100	− 3	...	...
†	4·478	−17·865	− 4	m	...
...	− 4·362	+43·277	− 3	...	...
*	4·292	−55·116	1·75	43.2997	9·4
*	4·288	−45·910	1·00	43.2998	10·2
...	4·201	+13·096	0·90	42.2966	10·4
...	3·970	+ 6·387	− 2	m	...
641					
S *	− 3·968	+27·625	1·90	42.2967	9·3
...	3·965	−21·995	− 4	M m	...
S *	3·932	−33·965	2·68	43.2999	8·4
*	3·645	+44·148	1·40	42.2968	9·6
*	3·617	−45·049	1·00	43.3000	10·2
...	− 3·600	+51·624	− 4	...	...
*	3·410	−15·320	1·30	43.3[illegible]	9·6
...	3·386	+35·975	− 4	m	...
...	3·377	− 33·453	− 3	m	...
...	3·268	+34·606	− 5	M m	...
651					
*	− 3·206	+5·[illegible]	1·15	42.2969	10·0
...	3·045	+31·446	− 4	m	...
..	3·023	− [illegible]·[illegible]	− 5	M m	...
*	3·014	+39·982	1·10	42.2970	10·3
*	2·922	−49·59[illegible]	1·50	43.3002	9·6
...	− 2·918	−40·712	− 1	...	...
*	2·847	−51·538	1·20	43.3004	9·8
...	2·778	−51·295	− 2	43.3003	10·2
.	2·745	+ 3·736	0·65	...	...
*	2·700	+ 8·071	1·35	42.2971	9·7

506. Mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
661-720					
661					
*	− 2′470	−15′215	1·05	43.3005	9·8
...	2·256	−28·359	− 5	M *m*	.
...	2·216	+53 309	0·65	. .	...
..	2·040	−39·005	0·85	43.3006	10·1
*	1·939	+12·665	1·30	42.2972	9·8
...	− 1·454	− 3·421	− 3	M *m*	...
...	1·423	+30·318	− 4	...	...
*	1·415	+ 5·266	1·15	42.2973	9·8
...	1·316	+22·124	− 2	...	...
...	1·235	+55·097	− 4	.	...
671					
...	− 1·158	−16·616	− 1	*m*	...
...	1·138	−55·539	− 2	...	...
...	1·112	−30 632	0·90	43.3007	10·2
S *	1·083	+58·176	3·45	41.2999	7·4
F *f* *	0·955	+ 0·014	1·45	42.2976	9·7
*	− 0·901	+36·750	1·00	42.2974	10·2
...	0·881	−20·219	− 5	M *m*	...
...	0·864	+37·439	− 5	M *m*	...
...	0·816	+53·418	− 5	M *m*	...
*	0·756	+43·067	1·45	42.2975	9·6
681					
...	− 0·648	−40·174	− 5	M *m*	...
...	0·620	+42·649	− 5	M *m*	...
...	0·410	+49·182	− 5	M *m*	...
*	0·253	−30·616	1·25	43.3008	9·8
...	− 0·237	+38·713	− 5	*m*	...
...	+ 0·025	+27·724	0·70	...	...
*	0·053	− 8·073	1·50	43.3009	9·3
...	0·068	+50·339	− 5	*m*	...
...	0·156	+50·238	0·75	42.2978	10·4
*	0·157	+44·546	2·10	42.2977	9·1
691					
†	+ 0·513	+25·832	− 4	*m*	...
†	0·568	+53·093	− 1	...	..
...	0·711	+28·333	0·80	...	...
...	0·746	+39·810	0·65	...	...
*	0·880	+52·217	2·70	42.2979	8·9
...	+ 0·954	−11·676	0·65	B *m*	..
...	1·013	+29·765	0·80	...	...
...	1·058	−44·852	− 5	M *m*	...
...	1·075	+52·256	− 5	M *m*	...
*	1·263	− 5·004	1·00	42.2980	10·2
701					
*	+ 1·400	+ 3·627	1·00	42.2983	10·4
...	1·442	− 4·214	− 5	M *m*	...
*	1·444	+27·993	1·00	42.2981	10·4
*	1·509	+29·794	1·15	42.2982	10·1
†	1·666	+25·114	− 5	M *m*	...
...	+ 1·679	−29·830	0·65	*m*	...
...	1·915	+12·503	− 5	M *m*	...
...	2·193	−30·871	0·80	*m*	...
F *f* ‡	2·209	+ 0·111	1·40	42.2984	9·8
...	2·358	+27·907	0·70	...	...
711					
...	+ 2·418	−55·231	− 5	M *m*	...
...	2·467	+12·581	− 5	M *m*	...
...	2·852	+44·301	− 5	M *m*	...
*	2·858	−42·191	1·00	43.3012	10·2
...	2·863	+35·966	0·80	...	...
...	+ 2·948	− 3·264	− 3	M *m*	...
*	2·964	+45·027	1·00	42.2985	10·4
*	3·009	+32·939	1·00	42.2986	10·4
...	3·197	−35·873	− 3	M *m*	...
*	3·245	+35·949	1·00	...	...
721-780					
721					
*	+ 3′248	+21′060	1·65	42.2987	9·3
...	3·351	+14·459	0·70	A *m*	...
*	3·372	−42·153	1·70	43.3013	9·4
..	3·457	+ 4·571	0·75	*m*	...
...	3·693	−56·513	− 5	M *m*	...
...	+ 3·707	+22·491	− 5	M *m*	...
...	3·724	− 1·458	0·85	*m*	..
...	3·751	+20·334	− 5	M *m*	...
†	3·800	+ 5·144	− 3	M *m*	...
*	3·848	+47·500	1·00	...	...
731					
*	+ 4·010	− 2·853	1·00	42.2988	10·4
..	4·111	−31·055	0·65	B *m*	..
...	4·233	+19·594	− 5	M *m*	...
...	4·428	+40·637	0·80	...	...
*	4·587	+12·589	1·50	42.2989	9·6
...	+ 4·870	−53·124	− 5	M *m*	...
..	5·025	+44·975	0·65	...	...
...	5·090	−34·215	0·70	*m*	...
...	5·343	+55·589	− 1	...	...
‡	5·601	−23·407	3·90	43.3015	7·6
741					
...	+ 5·655	−34·027	− 3	*m*	...
...	5·807	−44·129	− 4	*m*	.
...	5·884	−42·521	− 1	*m*	.
...	5·890	+21·140	− 2	*a*	...
*	5·905	+ 8·314	1·35	42.2992	9·8
*	+ 5·924	+46·759	1·20	42.2990	9·8
...	5·948	+27·551	− 3	*m*	...
...	5·964	−21·875	− 5	*m*	...
*	6·010	+ 8·541	1·15	42.2993	10·0
*	6·105	+52·115	1·20	42.2991	9·8
751					
...	+ 6·265	−10·677	− 1	*m*	...
*	6·301	+56·486	1·50	41.3016	9·6
*	6·519	+59·431	1·00	...	...
...	6·636	−14·107	0·75	*h*	...
...	6·643	−21·330	− 1	*m*	...
...	+ 6·646	+53·625	− 4	*m*	...
*	6·709	+27·861	1·05	42.2994	10·4
...	6·729	+36·288	− 2	*m*	...
*	6·854	−55·385	1·15	43.3016	10·0
*	6·881	+20·336	1·15	42.2995	9·8
761					
...	+ 7·233	+22·054	− 5	*m*	...
...	7·262	+44·832	0·85	...	...
...	7·351	−13·094	− 4	*m*	...
*	7·379	+ 4·774	1·40	42.2997	9·6
*	7·425	+50·329	1·30	42.2996	9·8
...	+ 7·442	+19·922	− 4	*m*	...
...	7·458	−50·630	− 1	*m*	...
...	7·470	−27·857	− 5	*m*	...
*	7·521	−32·400	2·50	43.3017	8·8
*	7·591	−17·216	1·15	43.3018	9·8
771					
...	+ 7·804	−37·026	− 2	*m*	...
*	8·010	+21·674	1·60	42.2998	9·2
...	8·423	−13·592	− 2	*m*	...
*	8·590	+21·034	1·20	42.2999	10·0
S *a* *	8·657	+ 0·043	3·68	42.3001	7·3
...	+ 8·777	−16·747	0·70	*d*	..
...	8·836	−56·912	− 2	*m*	...
*	8·899	+50·708	1·15	42.3000	10·2
*	8·910	−59·509	1·10	43.3019	10·0
...	9·050	−55·627	− 5	*m*	..
781 840					
781					
*	+ 9′115	− 6′128	1·15	43.3020	10·0
...	9·252	−15·013	− 3	*m*	...
S *	9·306	+21·961	2·90	42.3002	8·2
*	9·401	− 4·200	1·30	42.3004	9·4
*	9·419	+26·669	1·05	42.3003	10·4
‡	+ 9·439	−19·735	0·70	*h*	...
...	9·507	+56·022	0·70	...	...
...	9·605	+38·548	− 4	*m*	...
..	9·608	−15·962	− 2	*m*	...
...	9·719	+34·430	0·70	. .	...
791					
...	+ 9·973	+43·160	− 5	*m*	...
..	10·076	+56·469	1·00	..	...
.	10·118	+40·738	0·90	...	...
*	10·278	+ 2·597	1·50	42.3005	9·6
...	10·674	+13·093	− 3	...	...
...	+10·685	+31·620	− 5	*m*	...
...	10·775	+49·355	− 5	*m*	...
...	10·947	+41·966	− 4	...	...
...	10·987	+46·117	0·85	42.3006	10·4
...	10·994	+ 3·096	− 4	*m*	..
801					
...	+11·274	+16·265	− 2	...	...
*	11·420	+46·310	1·25	42.3007	9·8
...	11·503	−44·415	− 3	*m*	...
n *	11·743	+33·199	1·00	42.3010	7·5
‡	11·786	−34·665	1·25	43.3021	9·8
*	+11·839	+52·310	1·05	42.3009	10·0
*	11·843	−49·429	1·40	43.3022	9·8
†	11·880	+50·062	0·75	42.3008	10·2
n *	11·899	+32·908	3·50	42.3010	7·5
*	11·947	+55·702	1·35	41.3026	9·8
811					
...	+12·035	−32·404	− 5	*m*	...
*	12·140	−30·150	1·10	43.3023	10·0
...	12·285	+47·682	− 5	*m*	...
...	12·344	+33·490	0·70	42.3011	10·2
...	12·361	−58·545	− 4	*m*	...
...	+12·397	−57·825	− 4	*m*	...
...	12·471	−35·825	− 5	*m*	...
..	12·483	+ 8·930	− 3	*m*	...
...	12·553	−51·218	− 5	*m*	...
...	12·832	+25·224	− 5	*m*	...
821					
...	+12·844	−59·369	− 5	*m*	...
...	12·931	+48·849	− 4	*m*	..
...	12·958	+13·718	− 4	*m*	...
*	12·964	+36·873	1·10	42.3013	10·1
...	13·048	− 2·243	− 5	*m*	..
...	+13·054	−58·387	− 1	*m*	...
...	13·083	−37·809	− 5	*m*	...
*	13·118	−16·219	1·10	43.3024	9·8
*	13·120	+47·724	1·00	42.3012	10·0
*	13·362	+25·909	1·30	42.3014	9·8
831					
...	+13·376	+19·470	− 3	...	...
*	13·378	−49·073	1·25	43.3026	9·8
...	13·526	+14·470	− 5	*m*	...
...	13·586	+24·903	− 5	*m*	...
...	13·611	+44·681	0·65	42.3015	10·4
...	+13·621	+29·947	− 4	*m*	...
†	13·678	+15·099	0·70	42.3016	10·4
...	13·716	+22·525	0·70	...	...
...	13·879	−28·870	− 4	*m*	...
..	14·066	+ 2·208	0·70	...	...

804, 809. C.P.D., probably mass.

841–900

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
841					
...	+14·084	−24·205	− 5	m	...
...	14·311	+47·791	− 5	m	...
...	14·361	− 9·442	− 5	m	...
...	14·375	−54·864	0·65	...	...
*	14·413	−16·107	1·80	43.3027	9·6
..	+14·433	+20·533	− 5	...	...
	14·465	+43·744	− 5	m	...
...	14·683	−30·154	− 3	m	...
..	14·752	+11·766	− 5	m	...
*	15·031	+34·351	1·40	42.3017	9·6
851					
*	+15·059	+30·817	1·00	42.3018	10·1
...	15·217	+31·204	− 3	m	...
	15·229	+13·018	− 2	...	...
†	15·687	+20·220	1·55	42.3020	9·4
*	15·834	+54·568	1·45	42.3019	9·6
...	+15·941	−13·672	− 3	m	...
...	16·021	+ 7·419	0·90	...	...
*	16·032	−10·801	1·35	43.3028	9·6
...	16·206	+19·604	− 5	m	...
*	16·400	− 4·318	1·25	42.3023	10·0
861					
*	+16·418	+48·737	2·80	42.3021	8·2
*	16·428	− 8·454	2·20	43.3029	9·2
...	16·478	+47·456	− 5	m	...
...	16·506	+44·889	− 4	...	...
...	16·565	+16·544	− 3	...	..
...	+16·655	+44·823	0·75	42.3022	10·4
*	16·700	−46·916	1·00	43.3030	10·0
...	16·733	−21·894	− 5	m	...
...	16·849	+19·593	− 5	m	.
...	16·943	−24·295	− 4	m	...
871					
...	+17·033	+47·547	− 3	...	...
...	17·194	−20·989	− 4	m	...
*	17·359	+ 2·803	1·00	42.3024	10·4
...	17·649	+ 1·942	− 5	m	...
...	17·651	+58·690	1·00	41.3034	10·4
†	+17·655	−57·280	1·10	43.3031	9·8
*	17·752	+15·853	1·00	42.3025	10·4
*	18·074	+12·544	1·30	42.3026	10·0
.	18·076	+46·192	− 5	m	...
...	18·134	+16·398	0·65	...	...
881					
...	+18·390	−22·733	− 5	m	..
...	18·471	+15·853	0·65	..	...
...	18·562	+ 8·284	0·70	...	..
*	18·587	+47·956	1·00	42.3027	10·2
...	18·671	+45·248	− 4	...	.
...	+18·677	−26·564	− 4	m	
..	18·842	+20·588	− 5	m	...
.	18·929	+47·102	− 5	m	...
*	19·012	−57·697	1·30	43.3032	9·8
..	19·099	−47·313	− 5	m	..
891					
...	+19·147	−24·564	− 2	...	...
...	19·228	−54·949	− 4	m	.
..	19·246	−32·303	− 5	m	.
*	19·331	+23·857	1·30	42.3028	9·8
*	19·400	−37·732	1·00	43.3033	10·0
...	+19·604	− 7·233	− 5	m	...
...	19·696	+29·488	·65	..	...
.	19·732	−27·074	0·80	43.3034	10·2
...	19·794	−27·117	− 5	m	...
.	19·754	+42·187	− 1	...	..

901–960

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
901					
...	+19·781	−24·218	− 1	m	...
n *	20·108	−32·078	1·80	43.3035	9·4
*	20·198	+32·608	2·10	42.3029	9·1
*	20·285	− 4·619	1·10	42.3030	10·1
n	20·364	−32·058	0·90	43.3035	9·4
†	+20·409	− 3·125	− 2	m	...
†	20·521	−19·138	− 1	m	...
†	20·555	−37·793	− 1	m	...
†	20·565	−29·624	− 1	...	...
...	20·645	−29·303	− 1	m	...
911					
...	+20·671	−16·360	0·65	b	..
...	20·750	+14·820	− 3	m	..
...	20·760	− 0·864	0·95	...	...
*	20·763	+26·194	1·25	42.3031	10·0
...	20·793	+27·145	− 5	m	...
...	+20·807	+56·521	− 2	a	...
..	20·863	− 2·785	− 1	m	...
...	20·914	+29·154	0·65	a	...
..	21·083	+46·785	− 4	m	...
S *	21·265	+ 3·604	2·78	42.3033	8·4
921					
...	+21·373	+13·913	− 1	a	...
..	21·392	+19·455	− 3	m	...
*	21·398	+10·375	1·35	42.3034	9·6
*	21·448	− 6·456	1·00	43.3036	10·2
	21·455	− 5·965	− 2	m	...
*	+21·462	+48·834	1·00	42.3032	10·4
...	21·742	+34·803	− 3	m	...
*	21·788	+ 7·253	1·00	...	...
...	21·838	− 2·106	0·90	...	...
...	21·844	− 2·913	− 2	m	...
931					
*	+21·854	+23·314	1·30	42.3035	9·4
...	22·166	−51·207	− 2	m	...
*	22·317	−18·553	1·45	43.3037	9·6
...	22·496	−52·142	− 3	m	...
...	22·606	−34·520	− 5	m	...
*	+22·702	−29·535	1·10	43.3038	9·8
...	22·746	−51·858	0·90	..	...
...	22·792	− 8·649	0·85	b	...
*	22·837	+22·311	1·10	42.3036	9·8
...	22·871	+55·311	0·90	...	...
941					
*	+22·947	+ 0·857	1·10	42.3038	10·0
...	22·979	+24·430	− 1	m	...
†	22·981	−39·655	1·30	43.3039	9·6
...	23·009	+28·543	− 4	m	...
*	23·101	+37·208	1·20	42.3037	10·0
*	+23·152	+50·551	1·00	...	...
*	23·211	−41·573	1·10	43.3040	10·2
...	23·223	+30·190	− 4	m	..
...	23·235	−19·344	0·90	...	..
...	23·239	−53·382	− 5	m	...
951					
*	+23·260	+11·551	1·50	42.3039	9·2
.	23·270	+46·898	− 3	m	..
...	23·345	−42·782	0·90	...	
...	23·405	−50·485	− 4	m	...
*	23·438	− 0·863	1·25	42.3041	9·7
.	+23·445	+ 5·698	0·75	...	...
*	23·466	+12·054	2·45	42.3040	8·8
...	23·523	− 4·584	− 5	m	..
...	23·650	− 7·199	0·75	b	...
...	23·779	−30·168	0·70	b	..

961–1020

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
961					
...	+23·790	+39·444	− 3	m	...
*	23·803	−24·586	1·00	43.3041	10·2
*	24·061	+43·019	2·65	42.3042	8·5
...	24·176	+43·226	− 3	m	...
‡	24·257	+20·066	1·50	42.3043	9·2
...	+24·435	+11·564	0·90	...	.
...	24·442	−25·840	− 5	m	.
...	24·462	+14·117	− 4	m	..
...	24·501	−35·725	− 2	m	...
...	24·502	+30·285	− 1	a	...
971					
...	+24·567	−40·661	− 3	m	..
...	24·623	+ 7·999	0·70	.	
...	24·681	+32·210	0·80	..	..
...	24·800	+ 3·899	0·80	...	...
...	24·847	− 7·905	0·70	b	...
...	+25·014	+51·159	− 1	...	...
‡	25·180	+54·988	1·15	41.3059	10·2
...	25·183	+ 1·250	− 5	m	...
...	25·192	−16·688	− 2	m	..
...	25·212	−39·784	− 3	m	
981					
*	+25·237	−28·003	1·45	43.3043	9·4
*	25·291	−18·122	1·10	43.3042	10·0
...	25·308	+18·908	0·80	...	...
..	25·348	+58·210	− 2	...	...
‡	25·441	−22·711	2·80	43.3044	8·2
*	+25·564	+30·378	1·00	...	...
...	25·581	−19·167	0·65	b	...
...	25·613	+27·179	− 5	m	...
...	25·673	−22·300	− 5	m	...
...	25·716	+37·388	− 5	m	...
991					
...	+25·792	−45·763	− 3	m	...
...	25·800	−57·839	− 5	m	...
...	25·901	−23·698	0·70	b	...
*	25·908	+19·347	1·80	42.3044	9·1
*	25·956	−20·189	1·10	43.3045	10·0
...	+25·964	−53·406	0·80	b	...
...	26·003	− 1·103	− 4	m	...
...	26·093	− 5·184	0·90	b	...
...	26·114	−47·102	− 4	m	...
*	26·125	+16·280	1·00	...	...
1001					
...	+26·197	− 1·137	− 2	m	...
...	26·308	−25·300	0·75	b	...
...	26·371	−36·693	− 3	m	..
...	26·446	−21·935	− 3	m	...
...	26·457	+54·352	− 4	m	...
*	+26·725	−43·317	1·10	43.3047	10·0
...	26·791	+28·323	0·65	...	...
...	27·057	− 6·260	0·65	b	...
*	27·083	+36·186	1·00	42.3045	10·4
...	27·094	+42·761	− 4	m	..
1011					
...	+27·150	−24·879	− 5	m	...
..	27·171	+52·231	− 5	m	.
...	27·226	+ 9·594	0·85	...	...
‡	27·376	−44·459	1·00	43.3048	10·2
.	27·442	−48·881	− 3	m	..
...	+27·592	− 2·668	− 5	m	...
...	27·604	+48·920	− 1	...	...
*	27·657	+16·817	1·15	42.3046	10·2
...	27·668	−46·850	0·65	b	...
*	27·722	− 3·822	2·00	42.3048	9·0

902, 905. C.P.D., suspected double.

1021–1080

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
1021					
...	+27·744	−28·269	− 1	m	...
...	27·771	−30·124	− 5	m	...
...	27·852	−23·637	− 5	m	..
..	27·860	+59·945	− 5	...	..
*	27·883	− 7·297	1·30	43.3049	9·8
*	+27·898	−18·645	1·30	43.3050	9·6
†	27·941	−39·719	0·65	c	...
...	27·961	−35·330	0·80	b	...
...	27·964	−49·922	0·75	b	..
*	28·029	+46·910	1·15	42.3047	10·2
1031					
...	+28·035	+ 5·615	− 5	m	...
...	28·079	−41·355	0·65	d	...
*	28·086	−18·276	1·00	43.3051	10·2
†	28·153	+ 5·223	− 1	...	..
...	28·281	+15·942	0·65	a	...
*	+28·308	−44·851	1·00	43.3053	10·2
...	28·516	+38·068	− 5	m	...
...	28·524	−52·306	− 1	m	.
...	28·587	− 8·290	− 5	m	...
†	28·601	+59·974	0·90	41.3070	10·4
1041					
*	+28·616	+ 8·511	1·20	42.3049	10·0
...	28·690	−38·981	− 4	m	...
...	28·703	+16·906	0·80	...	...
...	28·901	+38·758	− 2	...	...
*	28·953	−15·004	1·00	43.3054	10·2
...	+28·968	+59·551	0·65	...	...
*	29·086	+43·617	1·00	...	...
...	29·151	+59·283	1·00	41.3073	10·4
...	29·164	− 6·014	− 3	m	...
...	29·188	− 8·224	− 5	m	...
1051					
*	+29·214	+39·467	1·50	42.3050	9·2
...	29·358	− 3·065	− 4	m	..
...	29·368	+45·930	0·70	...	...
...	29·404	+ 3·687	0·70	...	...
...	29·473	− 9·304	− 4	m	...
*	+29·528	+41·192	1·25	42.3051	9·7
*	29·546	−37·158	1·10	43.3055	10·0
...	29·610	−40·713	− 5	m	...
...	29·640	+ 5·471	− 3	m	...
...	29·734	+49·302	0·90	...	...
1061					
...	+29·745	−15·331	0·65	b	...
*	29·835	−57·663	1·10	43.3057	10·2
...	29·861	+51·538	− 4	m	...
*	29·879	+38·781	1·15	42.3052	9·7
...	29·884	− 6·485	0·70	b	...
...	+29·886	+38·919	− 5	m	...
...	29·906	+ 7·488	0·75	...	..
...	29·914	+43·532	0·80	...	...
...	30·044	−14·434	− 5	m	...
...	30·070	−38·371	0·70	b	...
1071					
...	+30·113	+29·957	0·90	...	...
*	30·142	−52·582	1·00	43.3058	10·2
*	30·294	+ 0·767	1·15	42.3053	10·4
...	30·348	−35·793	− 3	m	...
†	30·415	+ 8·316	0·80	...	...
...	+30·571	+ 6·349	− 5	m	...
...	30·694	−26·026	− 5	m	...
*	30·711	+10·769	1·05	42.3054	10·2
...	30·811	+50·748	− 5	m	...
...	30·829	+23·157	− 5	...	...

1081–1140

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
1081					
	+31·046	+54·798	− 4	..	..
	31·092	+12·706	− 5	m	...
*	31·406	−59·362	1·40	43.3060	9·6
*	31·469	−41·470	1·20	43.3059	9·8
	31·554	+29·840	− 5	m	..
S *	+31·633	+52·100	3·85	42.3055	7·4
...	31·647	−25·724	− 4	m	...
*	31·677	−58·145	1·00	43.3061	9·8
...	31·750	−25·359	− 4	m	
...	32·019	−21·848	− 4	m	
1091					
..	+32·082	+29·685	− 5	m	...
	32·143	+ 1·921	0·70	.	...
...	32·222	+ 0·809	− 1	...	...
...	32·471	−27·651	− 4	m	.
...	32·474	+41·305	0·70	...	...
*	+32·525	+56·659	1·70	41.3081	9·2
*	32·611	−48·063	1·05	43.3062	9·8
..	32·639	+13·848	− 5	...	...
*	32·784	−44·850	1·05	43.3063	9·8
...	32·794	+42·299	− 5	...	.
1101					
...	+32·829	+34·022	− 3	...	...
...	32·854	+33·919	− 3	...	...
...	32·882	−14·949	− 3	m	...
†	32·900	+10·212	− 3	...	...
*	32·972	+42·181	1·20	42.3056	9·7
*	+33·120	− 1·398	2·20	42.3058	8·9
...	33·174	+ 7·935	− 2	...	...
*	33·245	+35·919	1·05	42.3057	10·4
...	33·464	−13·847	− 2	m	...
...	33·570	−52·323	− 4	m	...
1111					
*	+33·580	+23·375	1·00	42.3059	10·4
...	33·640	+30·941	0·65	...	...
...	33·644	−22·699	− 3	m	...
*	33·678	+ 7·883	1·45	42.3061	9·8
*	33·757	+42·103	1·65	42.3060	9·4
*	+33·759	+14·284	1·00	...	...
..	33·796	+54·679	− 4	...	...
*	33·796	− 2·386	1·15	42.3062	9·8
*	33·854	−40·438	2·80	43.3066	8·4
...	33·921	−10·588	0·75	43.3065	10·2
1121					
...	+33·969	−15·774	− 4	m	...
...	34·252	+38·206	− 5	m	...
...	34·286	+17·592	− 3	...	...
*	34·346	−22·305	2·25	43.3067	8·8
*	34·382	−36·130	1·00	43.3068	10·0
..	+34·596	+ 0·525	0·90	42.3065	10·4
...	34·602	− 1·358	0·90	42.3064	10·4
...	34·692	−10·158	− 4	m	...
...	34·752	−36·737	− 1	...	...
..	34·766	+23·190	− 5	m	...
1131					
...	+34·845	+49·561	0·95	42.3063	10·4
...	34·895	+ 6·164	− 4	...	...
...	35·104	+23·128	− 1	...	.
.	35·172	+ 9·460	− 5	m	...
..	35·276	−38·932	0·90	43.3069	10·2
..	+35·284	−37·377	− 4	m	...
...	35·485	+48·965	0·70	42.3066	10·4
	35·515	−56·470	1·25	43.3070	9·8
S *	35·719	−46·667	4·85	43.3071	7·2
*	35·747	−42·497	1·00	43.3072	10·0

1141–1200

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
1141					
	+35·800	+42·443	− 3	..	...
	35·804	+17·129	− 5	m	..
	35·928	− 2·812	− 5	m	...
...	36·094	+56·317	− 5	..	...
*	36·382	−27·690	1·00	43.3073	10·1
*	+36·454	+50·750	1·20	42.3067	10·1
	36·483	+ 5·297	0·65	...	..
	36·500	−20·282	− 5	m	...
.	36·625	− 4·917	− 2	m	...
.	36·640	−27·892	− 5	m	...
1151					
...	+36·720	− 9·245	− 2	m	...
†	36·849	−54·714	− 5	m	...
...	36·892	−34·178	− 1	..	.
...	36·962	−27·521	− 3	m	..
.	37·145	+31·196	− 3	...	...
...	+37·055	+10·748	− 1	...	...
...	37·165	+38·934	− 2	...	...
...	37·342	−52·785	− 2	...	...
...	37·362	+11·050	− 5	m	...
...	37·455	−53·410	− 4	m	...
1161					
*	+37·481	+ 4·675	1·30	42.3068	9·8
...	37·497	−36·089	− 4	m	...
*	37·785	−37·226	1·10	43.3075	9·8
.	37·882	−40·087	− 5	m	...
...	37·909	−41·890	0·90	43.3077	10·2
...	+37·941	−42·815	0·70	...	...
...	38·139	−28·000	− 5	m	...
*	38·161	−18·007	1·00	43.3076	10·1
...	38·239	−48·601	− 4	m	...
*	38·241	−38·195	2·20	43.3078	9·0
1171					
...	+38·326	+44·270	− 5	...	...
.	38·430	+19·015	0·70	...	..
	38·439	+25·663	− 4	m	...
...	38·589	−42·383	0·90	43.3080	10·1
...	38·681	− 5·772	0·90	43.3079	10·2
...	+38·698	−20·166	− 3	...	...
*	38·785	+22·509	1·00	...	...
...	38·802	−49·503	− 5	m	.
..	38·871	+41·768	− 3	...	...
‡	38·962	−49·590	1·40	43.3081	9·6
1181					
..	+38·990	−38·103	− 5	m	..
..	39·089	−29·358	− 3	m	...
..	39·224	+43·244	− 5	...	...
...	39·244	+47·517	0·70	...	...
	39·307	−33·374	− 5	m	..
...	+39·367	−12·613	0·65	...	...
...	39·512	−55·830	− 3	m	...
...	39·800	− 1·083	− 5	m	...
*	39·840	+22·368	1·90	42.3069	9·2
...	39·957	−44·329	− 5	m	...
1191					
...	+40·541	− 4·398	− 3	m	...
*	40·648	+19·866	1·00	42.3070	10·4
*	41·144	−47·400	2·40	43.3082	8·6
...	41·182	− 0·735	− 4	m	...
...	41·433	−47·814	− 4	m	...
...	+41·451	− 1·112	− 4	m	...
...	41·715	+49·989	− 4	m	...
..	41·722	+36·676	0·95	...	...
*	41·768	−58·658	1·50	43.3083	9·8
...	41·801	−29·384	0·75	b	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
1201–1260					
1201					
...	+41·849	+40·163	− 4	m	...
...	42·213	+ 8·492	− 3	m	...
...	42·220	−55·475	− 5	m	...
*	42·493	+ 8·847	1·20	42.3072	9·8
*	42·741	+37·291	2·15	42.3071	8·8
*	+42·855	+14·729	1·25	42.3074	9·8
...	42·921	−17·077	− 2	m	...
...	42·976	−40·223	0·90	b	...
...	43·019	−38·316	0·70	b	...
*	43·059	+21·487	1·40	42.3073	9·4
1211					
*	+43·133	−56·331	1·20	43.3085	10·0
...	43·171	+27·625	− 1	a	...
...	43·199	−36·937	− 2	m	...
...	43·221	+11·406	− 3	m	...
...	43·239	−11·205	0·65	b	...
...	+43·254	+17·111	− 5	m	...
*	43·330	− 4·199	2·00	42.3075	9·1
...	43·334	−50·253	0·90	43.3086	10·2
...	43·381	− 2·898	0·75	b	...
...	43·448	−11·865	− 2	m	...
1221					
*	+43·554	−13·259	1·00	43.3084	10·2
...	43·864	+13·202	− 3	m	...
...	43·891	+22·486	0·90	...	...
.	44·001	+40·933	− 3	...	...
*	44·274	−49·848	1·25	43.3088	9·8
*	+44·492	+ 5·762	1·40	42.3076	9·4
*	44·542	− 7·255	1·00	43.3087	10·2
...	44·565	+48·755	0·65	...	...
...	44·661	−19·930	− 2	m	.
...	44·790	+ 8·760	− 4	m	...
1231					
...	+44·799	+42·741	− 3	m	. .
...	44·824	−22·954	0·65	b	...
...	44·963	− 9·299	− 5	m	..
. .	45·213	− 0·304	0·70	β	...
*	45·262	− 0·620	1·20	42.3077	10·2
...	+45·264	+19·692	0·80	...	...
†	45·318	+56·589	− 3	...	...
‡	45·363	−54·871	1·55	43.3090	9·5
...	45·591	−32·988	− 4	m	...
*	45·629	+34·989	1·00	...	..
1241					
...	+45·630	+14·219	0·85	...	...
...	45·702	+ 0·964	− 4	m	...
*	45·883	−12·142	1·15	43.3089	10·0
*	46·104	+24·632	1·25	42.3079	9·8
*	46·168	+53·5 8	2·10	42.3078	8·9
..	+46·315	−21·070	0·85	b	...
	46·405	+ 1·137	0·70	a	...
*	46·494	+13·535	1·90	42.3081	9·2
*	46·520	−26·370	1·00	...	...
*	46·593	−55·883	2·00	43.3092	9·2
1251					
*	+46·594	+27·010	1·00	...	...
...	46·690	+48·853	− 2	..	...
*	46·815	+44·020	1·20	42.3080	9·8
*	46·841	−54·851	2·80	43.3094	8·5
*	46·929	−22·398	1·10	43.3091	10·0
	+46·936	−14·193	− 2	m	...
*	46·947	+32·270	1·5	42.3082	10·1
	47·029	+50·190	− 1	...	
.	47·173	−35·939	0·65	b	...
...	47·194	−34·798	0·65	...	.
1261–1320					
1261					
...	+47·275	−44·277	0·65	a	...
*	47·278	−22·817	2·70	43.3093	8·5
...	47·348	− 2·817	− 4	m	...
*	47·363	−24·982	1·00	43.3095	10·2
†	47·476	−49·646	0·80	43.3096	10·2
...	+47·584	+39·048	− 3	m	...
...	47·694	−26·994	− 4	m	...
...	47·871	+27·446	− 2	m	...
...	47·909	−46·693	− 3	m	...
...	47·919	+ 2·307	0·75	...	...
1271					
*	+47·984	+14·579	1·20	42.3083	9·8
*	48·095	−33·576	2·00	43.3097	9·3
...	48·231	−16·625	− 3	m	...
...	48·322	+34·384	− 2	m	...
...	48·456	−50·343	− 3	m	...
*	+48·513	−23·062	1·30	43.3099	9·8
..	48·586	+12·738	0·80	...	...
...	48·620	+ 2·271	0·90	...	...
...	48·688	−28·384	− 4	m	...
...	48·785	−15·874	− 4	m	...
1281					
...	+48·794	+32·861	− 5	m	...
...	48·971	−26·374	− 1	m	...
...	48·973	+21·823	− 2	...	...
...	49·074	−25·898	− 5	m	...
*	49·146	− 9·178	1·25	43.3100	9·8
...	+49·271	− 6·152	0·90	...	...
*	49·476	+47·856	2·00	42.3084	9·2
...	49·627	+27·531	0·95	...	...
...	49·774	+33·013	− 1	...	...
‡	50·015	− 9·803	1·00	...	...
1291					
...	+50·563	+14·192	− 4	...	...
...	50·567	−32·679	− 5	m	...
...	50·757	+ 0·107	− 3	c	...
...	50·863	+30·300	− 1	...	...
*	51·050	+14·268	1·25	42.3085	9·8
*	+51·386	−57·994	1·50	43.3101	9·8
...	51·481	+18·408	0·65	...	...
...	51·666	−42·377	0·65	...	...
...	51·833	−34·485	− 4	c	...
..	51·848	+43·885	0·70	...	...
1301					
...	+51·889	+22·910	− 3	...	...
...	51·933	−26·285	− 2	e	...
...	51·953	+13·402	0·80	42.3086	10·4
†	52·166	−54·626	− 4	e	...
*	52·185	−57·611	3·40	43.3104	7·5
...	+52·207	−48·057	− 5	m	...
..	52·262	+43·662	− 5	m	..
S *	52·357	−22·847	2·90	43.3102	8·3
...	52·461	+ 2·998	− 4	c	...
...	52·471	+35·902	0·70	...	...
1311					
...	+52·670	+50·314	0·70	42.3087	10·4
..	52·712	−23·452	0·75	43.3103	10·2
*	52·718	−50·535	1·55	43.3106	9·6
...	52·822	− 6·169	0·70	...	...
	52·895	+27·115	0·85	...	...
...	+52·926	+24·083	− 4	..	...
*	52·953	−27·558	1·25	43.3105	9·8
...	53·125	+22·373	− 5	m	...
*	53·215	−46·600	2·00	43.3107	9·3
...	53·216	+ 7·039	− 5	m	...
1321–1378					
1321					
...	+53·247	+46·567	− 5	...	...
..	53·459	−33·791	− 3	e	...
...	53·761	−25·498	0·70	43.3108	10·2
...	53·838	+17·340	− 5	m	...
*	53·941	+53·032	1·25	42.3088	10·0
...	+54·208	+33·532	− 4	...	...
...	54·232	−36·150	− 3	e	...
...	54·283	−23·236	− 2	e	...
†	54·313	+30·195	0·65	...	...
...	54·334	−45·174	− 3	e	...
1331					
*	+54·602	−58·646	1·30	43.3111	9·8
...	54·669	−11·878	− 4	e	...
...	54·980	−32·800	− 4	e	...
S *	55·062	− 9·630	3·23	43.3110	7·7
...	55·282	−35·470	0·80	43.3113	10·2
...	+55·546	+12·348	− 3	...	..
...	55·555	+28·228	− 5	m	...
...	55·572	− 7·388	− 3	m	..
...	55·602	−27·542	− 5	e	...
*	55·861	−25·669	1·05	43.3114	10·0
1341					
...	+55·923	− 3·270	− 5	m	...
...	56·488	+56·924	− 5	...	...
*	56·511	+ 0·068	1·50	42.3089	9·6
...	56·557	+ 1·552	0·75	...	...
*	56·574	−12·588	1·40	43.3115	9·6
...	+56·582	+52·170	− 4	...	...
*	56·584	−27·592	1·35	43.3116	9·8
...	56·674	+51·684	− 4	...	...
...	56·886	−11·619	− 4	m	...
...	57·040	− 1·222	− 2	e	...
1351					
...	+57·088	+32·824	− 3	...	...
...	57·154	−52·043	− 2	43.3117	10·2
...	57·271	−28·327	− 2	e	...
*	58·150	+42·339	1·30	42.3090	9·7
...	58·159	− 0·220	− 3	f	...
...	+58·227	+49·403	− 1	42.3091	10·4
*	58·417	−13·218	1·00	43.3118	10·2
*	58·419	−26·152	1·25	43.3119	9·8
...	58·585	−38·532	− 4	e	...
...	58·750	−45·051	− 4	e	...
1361					
...	+58·902	+21·966	0·80	...	...
*	58·918	−36·065	2·10	43.3120	9·2
...	58·940	−46·591	− 3	e	...
...	58·997	+11·206	0·65	...	...
...	59·087	+20·020	− 5	e	...
...	+59·249	+23·406	− 2	. .	...
...	59·309	+21·502	− 3	...	...
...	59·321	−39·409	− 5	e	...
*	59·345	− 5·923	1·10	42.3093	10·2
S *	59·760	+53·186	4·00	42.3092	7·6
1371					
*	+59·771	−49·150	1·20	43.3122	9·8
...	59·898	+26·082	− 4	...	...
...	59·945	+38·940	− 3	...	...
..	60·054	+ 4·204	0·90	42.3094	10·4
...	60·060	+43·665	− 5	...	...
...	+60·152	−29·963	0·70	43.3121	10·2
*	60·245	−38·785	1·50	43.3123	9·6
†	60·262	+ 8·434	0·80	42.3096	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
	1–60				
1					
...	−59·772	+30·173	− 3	° ..	...
...	59·423	− 9·933	0·65		...
...	59·200	+43·796	− 3	...	...
*	59·102	+14·147	1·20	42.3085	9·8
...	58·959	− 0·004	− 3	E	...
...	−58·779	+18·297	− 2	...	...
...	58·567	+50·225	− 2	42.3087	10·4
...	58·525	+22·819	− 4	...	...
...	58·333	+35·831	− 2	...	...
...	58·184	+13·310	0·75	42.3086	10·4
11					
...	−57·639	+27·047	− 1	...	...
...	57·529	+24·009	− 5	...	...
...	57·376	+52·979	− 1	42.3088	10·0
...	57·372	+ 2·929	− 5	E	...
...	57·022	−26·355	− 3	E	...
...	−56·879	−34·558	− 5	E	...
...	56·801	−42·442	− 2	...	...
...	56·722	− 6·229	− 1	...	...
S *	56·683	−22·899	2·20	43.3102	8·3
*	56·605	−58·074	1·10	43.3101	9·8
21					
...	−56·519	+33·491	− 5	...	...
...	56·332	+30·158	− 1	...	...
...	56·318	−23·497	0·70	43.3103	10·2
*	55·961	−27·600	1·10	43.3105	9·8
...	55·943	−54·689	− 5	E	...
*	−55·802	−57·655	3·00	43.3104	7·5
*	55·505	−50·578	1·40	43.3106	9·6
...	55·267	−33·806	− 3	E	...
...	55·215	−25·515	− 1	43.3108	10·2
*	55·121	−46·617	1·50	43.3107	9·3
31					
...	−54·757	−23·238	− 3	E	...
...	54·700	−11·875	− 5	E	...
...	54·613	+51·718	− 5	...	...
...	54·556	+12·370	− 3	...	...
...	54·436	−36·149	− 4	E	...
S *	−54·369	− 9·619	2·83	43.3110	7·7
...	54·053	−45·181	− 3	E	...
...	53·777	−32·775	− 4	E	..
...	53·631	+32·880	− 4	...	...
...	53·403	−35·439	0·65	43.3113	10·2
41					
*	−53·379	−58·628	1·00	43.3111	9·8
...	53·295	−27·497	− 5	E	...
...	53·222	+ 1·609	0·80	...	...
*	53·215	+ 0·128	1·15	42.3089	9·6
*	53·098	−25·624	1·00	43.3114	10·0
...	−52·983	+49·468	− 2	42.3091	10·4
*	52·845	+42·418	1·05	42.3090	9·7
*	52·776	−12·523	1·10	43.3115	9·6
...	52·651	− 1·157	− 2	E	...
*	52·314	−27·521	1·20	43.3116	9·8
51					
...	−51·612	−28·240	− 3	E	...
...	51·565	− 0·113	− 3	F	...
S *	51·534	+53·309	3·18	42.3092	7·6
...	51·485	+22·078	0·85	...	...
...	51·252	+20·132	− 5	E	...
...	−51·194	+23·535	− 3	...	...
...	51·085	+21·624	− 3	.	...
...	51·082	+11·329	− 1	...	...
...	51·038	−51·955	− 2	43.3117	10·2
...	50·962	+43·791	− 5	...	...
	61–120				
61					
...	−50·950	+39·066	− 3	° ..	...
...	50·923	−13·100	0·80	43.3118	10·2
...	50·622	+26·236	− 5	...	...
*	50·537	−26·027	1·05	43.3119	9·8
*	50·211	− 5·780	1·00	42.3093	10·2
...	−49·992	−38·393	− 3	E	...
...	49·808	+ 4·361	0·90	42.3094	10·4
*	49·728	−35·928	1·75	43.3120	9·2
...	49·706	+ 8·597	0·70	42.3096	10·4
...	49·694	+12·427	0·85	42.3095	10·4
71					
...	−49·632	−44·901	− 5	E	...
...	49·532	+13·867	− 2	...	...
...	49·402	−46·434	− 4	E	..
...	49·240	−39·244	− 5	E	...
*	49·152	− 2·769	1·85	42.3097	8·7
...	−48·921	− 9·536	0·90	...	...
†	48·870	+24·786	− 2	...	...
...	48·776	+51·076	0·95	42.3100	10·0
*	48·761	+ 1·740	1·10	42.3098	9·7
...	48·742	+54·058	0·70	42.3101	10·4
81					
...	−48·680	−29·782	0·75	43.3121	10·2
...	48·674	+ 9·633	0·70	42.3099	10·4
...	48·581	−17·699	− 5	M	...
*	48·491	−48·971	1·05	43.3122	9·8
*	48·410	−15·444	1·20	43.3124	9·6
*	−48·319	−38·599	1·15	43.3123	9·6
*	47·906	− 7·436	2·15	43.3126	7·8
*	47·901	−33·820	1·00	43.3125	9·8
...	47·866	+ 2·335	0·80	42.3102	10·4
...	47·705	+ 5·920	− 3	...	...
91					
*	−47·674	− 1·259	1·00	42.3103	10·1
...	47·645	− 7·184	− 5	M	...
...	47·408	+25·782	− 5	...	...
...	47·269	+54·991	− 5	...	...
*	47·267	+11·130	1·20	42.3104	9·2
*	−47·157	−33·029	1·00	43.3128	9·8
...	47·141	−51·344	0·80	43.3127	10·2
...	47·073	+30·652	− 1	...	...
...	46·916	−33·438	− 4	M	...
...	46·908	−27·857	− 4	M	...
101					
...	−46·877	+45·060	− 5	...	...
...	46·803	+27·396	− 2	..	...
...	46·686	+18·061	− 4	..	...
..	46·436	+32·294	− 2		...
*	46·371	+32·360	1·00	42.3105	9·7
...	−46·365	−30·596	− 4	M	...
...	46·312	−18·466	− 4	M	..
...	46·066	−42·951	− 4	M	...
...	45·858	−31·021	− 3	B	...
...	45·811	− 8·841	− 3	B	...
111					
*	−45·800	−15·593	1·15	43.3130	9·6
*	45·525	+24·023	1·00	42.3106	10·1
...	45·519	−52·642	− 5	M	...
...	45·238	+26·943	− 3	.	...
...	44·565	+ 3·769	− 4	...	...
...	−44·267	+37·320	− 5	...	...
...	44·145	−13·332	− 4	M	...
...	43·912	− 1·886	− 2	42.3107	10·4
...	43·336	−26·324	0·75	43.3132	10·2
...	43·311	−10·266	0·70	43.3133	10·1
	121–180				
121					
...	−42·843	+25·903	− 5	° M	...
...	42·723	−50·250	− 5	M	...
*	42·608	+16·427	1·00	42.3108	10·0
...	42·397	−15·854	− 5	M	...
*	42·163	+29·039	1·10	42.3109	9·6
...	−42·121	−38·971	0·80	43.3135	10·2
...	41·822	−20·590	− 3	B	...
*	41·604	+40·662	1·15	42.3110	9·6
...	41·458	+50·390	− 4	42.3112	10·4
*	41·420	+28·038	1·00	42.3111	9·7
131					
...	−41·340	−14·115	− 1	43.3136	10·2
...	41·298	+46·542	− 5	M	...
*	41·072	−55·195	1·35	43.3137	9·6
*	40·985	+44·905	1·10	42.3113	9·6
...	40·910	+35·317	− 4	...	...
...	−40·802	−55·534	− 1	43.3139	10·2
...	40·796	+ 0·303	− 2	...	...
...	40·662	−22·574	− 2	...	...
...	40·114	+18·233	− 4	...	...
*	40·105	−51·086	1·25	43.3140	9·8
141					
†	−39·868	−50·790	0·90	43.3141	10·0
...	39·819	+35·703	− 5	M	...
...	39·186	−20·531	− 4	M	...
...	38·911	−57·981	− 3	...	...
...	38·633	−34·579	− 5	M	...
*	−38·535	−54·564	1·00	43.3142	10·0
...	38·478	− 1·391	− 4	M	...
*	38·472	−27·173	2·50	43.3143	8·2
...	38·335	+33·419	− 5	...	...
...	38·324	−33·907	0·65	43.3144	10·2
151					
...	−38·029	+58·903	− 5	...	...
*	37·991	+56·061	1·30	41.3133	9·7
‡	37·824	− 5·272	2·90	42.3114	7·7
...	37·755	+40·013	− 4	...	...
...	37·490	+44·897	− 5	M	...
...	−37·432	+ 0·019	− 1	...	...
*	37·364	+21·055	1·00	42.3115	9·7
..	37·100	− 0·424	− 4	M	..
...	36·846	− 0·781	− 3	B	...
...	36·784	+47·988	− 5	...	...
161					
...	−36·704	+ 7·128	− 1	...	..
...	36·682	−56·761	− 5	M	...
...	36·577	−39·115	− 5	M	...
...	36·546	−22·568	0·70	43.3145	10·0
...	36·537	−15·645	− 5	M	...
..	−36·421	−24·074	− 1	43.3146	10·2
...	36·242	+ 6·403	− 5	M	...
...	36·193	−20·353	− 5	M	..
...	36·017	+17·870	− 5	M	...
...	35·976	−12·356	− 1	43.3148	10·2
171					
...	−35·892	+56·496	− 5	...	...
...	35·829	−36·475	0·70	43.3147	10·2
*	35·779	+50·845	1·15	42.3117	9·8
...	35·749	−47·474	− 4	M	...
...	35·706	+23·197	0·75	42.3116	10·1
...	−35·188	+ 5·887	− 5	M	...
†	35·047	+19·108	− 1	42.3118	10·4
*	34·773	−25·286	2·75	43.3150	8·1
...	34·268	− 8·701	0·70	43.3152	10·2
*	34·192	−48·478	1·35	43.3151	9·5

H measured from 1, 209, 447·680
B ,, ,, 115, 332, 574·789.

181–240

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
181					
.	−33·896	−54·164	− 5	...	...
.	33·826	+37·192	− 5	M	...
.	33·826	−21·329	− 4	M	
	33·729	+53·119	− 2	42.3119	10·4
	33·711	+26·890	− 5	M	. .
	−33·491	−15·037	− 5	M	...
	33·217	−22·636	− 4	M	...
	33·216	−26·780	− 5	M	...
	33·167	−24·991	1·15	43.3153	9·6
...	33·114	+11·750	0·75	42.3120	10·4
191					
. .	−32·509	−16·392	− 4	M	...
	32·215	+ 3·595	0·75	42.3121	10·1
	32·190	− 1·127	− 2	B	...
	32·184	+42·895	− 5	...	
...	32·132	−18·105	− 5	M	...
*	−32·086	+54·857	1·20	41.3146	9·7
*	31·614	−39·342	1·15	43.3154	9·8
...	31·575	−29·148	− 5	M	...
	31·414	+50·738	− 5	...	...
.	31·319	+53·219	− 1	42.3122	10·1
201					
...	−31·142	+ 1·928	− 5	M	...
...	31·109	+18·250	− 4	...	...
	30·667	−35·402	− 1	43.3155	10·2
	30·659	−19·468	− 3	...	...
	30·604	−30·766	− 4	M	...
	−30·237	−56·645	− 5	M	...
...	30·230	+39·537	− 3	...	..
	30·203	−37·412	1·10	43.3156	9·6
*	29·853	+29·497	1·00	42.3123	10·1
. .	29·774	+11·606	0·80	..	..
211					
...	−29·604	−37·288	− 5	M	...
	29·551	+34·209	− 4	...	...
	29·450	+ 7·830	− 1	...	...
*	29·282	−20·355	1·15	43.3158	9·6
...	29·177	−34·405	− 4	M	...
	−29·134	−39·979	− 3	...	...
	29·068	+27·780	0·90	42.3124	10·4
...	29·000	+23·594	− 1	...	...
	28·555	+12·701	0·75	...	. .
	27·983	+16·453	− 5	M	. .
221					
...	−27·924	+31·258	− 5	M	..
...	27·845	−47·764	0·70	43.3159	10·2
	27·619	−26·663	− 3	A	...
+	27·583	+32·015	1·00	42.3125	10·0
.	27·426	−17·207	0·70	...	...
...	−27·374	+13·441	0·65	...	...
	27·203	+55·227	− 1	41.3155	10·4
*	26·910	−17·384	1·45	43.3160	9·1
	26·859	−44·038	− 1	...	...
*	26·854	+42·887	1·00	42.3126	10·0
231					
	−26·534	+30·412	1·00	42.3127	10·0
	26·460	+ 1·022	0·90	42.3128	10·4
.	26·312	+ 6·026	− 3	...	...
‡	26·093	−50·025	− 5	M	...
*	26·017	−17·796	1·05	43.3161	9·6
*	−25·973	+46·616	1·20	42.3129	9·2
*	25·808	+16·458	1·00	42.3130	10·2
	25·787	+26·194	− 2	...	.
*	25·737	−31·697	1·00	43.3162	10·0
	25·326	− 3·369	− 4	M	...

241–300

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
241					
.	−25·238	−36·380	− 4	° M	...
.	25·175	−19·469	− 4	M	..
‡	25·058	−11·353	1·05	43.3163	9·6
†	25·013	+18·373	− 1	...	...
...	24·899	− 1·665	− 5	M	...
	−24·867	+12·083	− 5	M	...
*	24·775	+12·918	1·00	42.3131	10·0
...	24·765	+44·206	− 1	...	...
	24·750	+14·072	− 5	M	...
‡	24·733	+46·079	1·00	42.3132	10·2
251					
*	−24·721	−44·742	1·30	43.3164	9·5
.	24·669	+31·792	− 5	...	. .
.	24·614	− 2·629	− 2	B	...
	24·359	+58·676	− 4	...	...
...	24·289	+47·016	0·65	42.3133	10·4
..	−24·070	− 3·872	0·90	42.3134	10·4
. .	24·036	+42·522	− 4	...	...
. .	23·965	+50·361	0·90	42.3135	10·4
...	23·762	+17·062	− 1	...	...
...	23·682	+34·889	− 2	...	...
261					
..	−23·670	+ 4·215	− 5	M	...
*	23·443	−21·102	1·30	43.3166	9·4
*	23·236	+40·208	1·25	42.3136	9·3
*	22·798	+ 7·404	1·10	42.3137	9·7
*	22·770	−48·309	1·00	43.3167	10·2
*	−22·753	+59·034	1·05	41.3161	9·8
...	22·733	+57·093	− 5	...	...
...	22·681	+14·260	0·85	42.3138	10·4
...	22·674	+59·478	− 4	..	...
...	22·627	+55·188	− 4	..	...
271					
*	−22·602	+49·857	1·45	42.3139	9·2
...	22·321	+18·076	− 5	..	...
...	22·034	+36·264	0·75	...	.
..	21·938	+20·831	− 1	.	. .
*	21·772	+10·887	1·70	42.3140	8·8
*	−21·698	−21·049	1·00	43.3168	10·0
...	21·480	−42·155	− 5	M	. .
...	21·393	+14·230	0·85	...	...
...	21·308	+28·315	− 2	...	...
*	21·261	+48·333	1·20	42.3141	9·4
281					
...	−21·132	−19·030	− 3	D	...
.	21·037	+43·901	− 4	...	...
*	20·969	−32·478	1·90	43.3169	8·7
..	20·738	+ 7·033	− 1	...	...
...	20·612	+26·396	− 3	...	...
‡	−20·473	−25·040	1·10	43.3170	9·8
	20·335	− 2·824	− 2	D	...
...	19·934	+47·432	− 5	...	...
S *	19·795	−16·361	1·95	43.3172	8·3
...	19·787	−41·911	− 3	B	...
291					
*	−19·774	−37·270	1·05	43.3171	9·8
	19·666	+38·925	− 4	...	...
*	19·618	+18·849	1·25	42.3142	9·3
.	19·611	+ 3·378	0·95	42.3143	10·4
...	19·497	− 5·490	− 3	D	...
†	−19·352	−35·056	− 5	M	...
...	19·236	+ 9·324	− 2	...	...
	19·186	+22·967	− 5	M	...
	19·132	−26·726	− 4	M	...
*	19·060	−32·548	1·10	43.3173	9·6

301–360

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
301					
...	−18·660	+11·868	− 5	° M	...
.	18·512	+54·620	1·05	41.3164	10·2
..	18·507	+20·755	− 3	...	...
...	18·223	− 5·948	− 5	M	...
...	18·101	−14·106	0·65	...	.
...	−18·003	−27·794	− 5	M	...
*	17·886	−45·356	1·50	43.3174	9·1
*	17·877	−32·130	1·10	43.3175	9·8
*	17·569	−41·822	1·00	43.3176	10·2
...	17·500	−40·488	− 4	M	...
311					
...	−17·463	+12·517	− 4	...	...
*	17·157	− 9·715	1·00	43.3177	9·8
*	17·130	+37·615	1·20	42.3144	9·6
*	17·069	+ 7·301	1·95	42.3145	8·7
*	16·752	+40·944	1·20	42.3146	9·7
.	−16·736	+ 5·761	0·90	42.3147	10·4
*	16·705	−14·551	1·55	43.3178	9·0
...	16·628	−41·396	− 4	M	...
*	16·599	+ 9·234	1·00	42.3148	9·8
S *	16·420	+ 7·724	3·15	42.3149	7·7
321					
..	−16·416	+40·549	− 5	M	..
*	16·404	+ 8·436	1·15	42.3150	9·1
*	16·241	− 7·759	1·10	43.3179	9·5
...	15·933	+ 1·354	0·95	42.3151	10·4
...	15·894	−14·644	− 5	M	...
*	−15·744	+18·540	1·00	42.3152	10·4
...	15·630	+54·516	− 5	...	...
*	15·330	+ 5·978	1·00	42.3153	10·0
‡	15·258	+ 9·785	1·00	42.3154	9·8
†	15·113	+ 0·788	− 1	...	...
331					
†	−15·031	−33·682	− 4	M	...
.	14·968	−23·138	− 5	M	...
..	14·906	− 5·806	− 3	A	.
...	14·720	−54·510	− 4	...	...
..	14·534	+42·936	0·70	42.3156	10·1
+	−14·517	+ 7·511	0·95	42.3155	10·0
. .	14·326	− 4·131	− 5	M	...
...	14·241	− 8·124	− 4	M	...
*	14·056	+51·003	1·50	42.3157	8·9
...	13·918	−46·349	− 5	M	...
341					
...	−13·784	−47·171	0·65	43.3180	10·2
*	13·597	+ 1·565	1·05	42.3158	9·7
..	13·396	−35·168	− 5	M	...
*	13·375	+33·417	1·10	42.3159	9·3
..	13·248	+25·426	− 5	...	...
. .	−13·212	−14·177	− 4	M	...
...	13·199	−20·332	− 2	43.3181	10·0
M	13·167	−20·196	− 5		
...	12·599	+ 4·558	− 4	...	...
...	12·516	+21·630	− 5	M	...
351					
*	−12·503	− 2·963	1·50	42.3160	9·2
+	12·447	+29·469	1·00	42.3161	9·8
	12·431	+ 2·654	− 2	42.3162	10·4
...	12·143	+53·681	− 2	42.3163	10·4
.	12·023	−28·904	0·75	43.3183	9·8
*	−12·014	+39·233	1·25	42.3164	9·2
.	11·949	+ 1·674	− 5	M	...
* [	11·858	−52·782	3·40	43.3182	7·8
.	11·783	−45·715	− 5	M	...
*	11·542	+40·752	1·50	42.3165	9·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
361–420					
361					
...	−11′511	−25′204	0·65	43.3184	10·1
...	11·498	+18·307	0·70	42.3166	10·4
...	11·293	+47·392	−2	...	...
...	10·923	−57·686	0·75	43.3185	10·2
...	10·915	−48·359	−4	M	...
...	−10·854	−56·730	−5	M	...
*	10·671	+41·358	1·30	42.3167	9·2
..	10·664	+13·015	−3	42.3168	10·4
...	10·643	+ 9·733	0·65	42.3169	10·2
...	10·469	+ 2·482	−2	42.3170	10·4
371					
...	−10·312	−40·304	−5	M	...
‡	10·127	+15·193	1·00	42.3171	9·4
†	10·125	+11·599	−4	...	...
..	9·987	−12·700	−3	B	...
...	9·876	−53·150	−4	M	...
...	− 9·831	−43·872	−3	B	...
..	9·792	−36·811	−5	M	...
...	9·758	+11·405	−5	M	...
*	9·707	+11·289	1·00	42.3172	9·6
*	9·678	− 9·574	2·35	43.3186	8·4
381					
*	− 9·614	+11·673	1·00	42.3173	9·6
...	9·341	+20·886	−3	...	...
...	8·990	−43·972	−3	B	...
...	8·629	+12·209	−5	M	...
S *	8·596	+51·704	2·55	42.3174	7·8
...	− 8·264	−11·180	−1	43.3188	10·1
*	8·154	+14·611	1·10	42.3175	9·3
S *	8·046	+13·984	1·55	42.3176	8·7
...	8·021	−55·638	−5	M	...
*	8·004	−23·788	1·00	43.3189	9·8
391					
...	− 7·836	+26·785	−5	...	...
...	7·686	+49·225	−5	...	...
*	7·600	+49·158	1·00	42.3177	9·4
*	7·481	+30·662	1·00	42.3178	10·0
...	7·473	+22·434	−5	...	...
...	− 7·467	−36·697	−5	M	...
...	7·462	+14·880	−5	M	...
...	7·458	−46·176	−3	...	...
*	7·268	+33·553	1·30	42.3179	9·2
...	7·095	−44·485	−4	M	...
401					
*	− 6·988	−58·993	1·70	43.3190	9·1
...	6·493	−54·869	0·75	43.3191	10·1
...	6·403	+39·513	−2	42.3180	10·4
...	5·802	+ 9·181	−4	...	...
...	5·767	+46·875	−3	...	...
*	− 5·532	−16·618	1·00	43.3193	9·8
...	5·432	+48·877	−4	...	...
...	5·282	−39·593	−2	43.3194	10·2
...	4·942	+16·284	0·70	42.3181	10·4
...	4·871	+ 2·566	−1	42.3182	10·2
411					
...	− 4·706	+29·469	−4	...	...
..	4·662	−45·511	−5	M *m*	...
...	4·574	−26·795	−1	43.3195	10·0
...	4·079	+13·330	−2	*m*	...
...	4·051	− 7·890	−3	M *b*	...
*	− 3·849	−22·527	1·00	43.3196	9·8
...	3·779	+58·758	−4	...	...
...	3·692	+ 8·939	0·65	42.3183	10·0
...	3·656	+58·522	−5	*m*	...
...	3·561	−24·479	0·85	43.3197	10·0
421–480					
421					
...	− 3′478	−33′640	−5	M *m*	...
*	3·443	+ 7·081	1·15	42.3184	9·3
..	3·428	−30·958	−4	M *m*	...
...	3·390	+ 8·367	0·75	42.3185	10·0
..	3·323	+ 8·753	−3	*m*	...
*	− 3·197	+29·315	1·15	42.3186	9·4
...	3·070	−54·491	−4	...	...
...	2·951	−29·218	0·80	43.3198	10·1
...	2·902	+21·264	0·70	42.3187	10·0
...	2·898	+13·641	−2	...	...
431					
...	− 2·538	+11·670	0·75	42.3188	10·1
S *	2·511	+58·868	1·30	41.3183	9·2
*	2·287	−51·813	1·10	43.3199	9·8
..	1·982	− 2·870	0·70	42.3189	10·4
...	1·959	+33·602	−5	M *m*	...
...	− 1·751	−42·749	−5	M *m*	...
...	1·414	−47·363	0·70	43.3201	10·0
...	1·281	+48·584	−3	...	...
...	1·124	+ 2·096	0·70	42.3190	10·2
*	0·971	−42·520	1·30	43.3202	9·5
441					
*	− 0·926	+32·155	1·45	42.3191	9·2
*	0·744	−22·988	1·55	43.3203	9·2
...	0·538	+27·764	−2	42.3192	10·4
†	0·208	+37·374	−5	*m*	...
...	0·185	−43·460	0·95	43.3204	9·8
†	− 0·135	−19·938	−5	M *m*	...
‡	− 0·120	+29·469	1·10	42.3193	9·6
...	+ 0·439	+54·253	−1	42.3194	10·4
...	0·628	−49·295	−5	M *m*	...
...	0·631	−11·544	−5	M *m*	...
451					
*	+ 0·640	+39·982	1·00	42.3195	9·8
...	0·766	−38·625	−2	M *b*	...
*	1·056	+12·444	1·30	42.3197	9·6
*	1·074	+20·889	1·25	42.3196	9·4
...	1·081	−38·346	−2	M *a*	...
...	+ 1·344	+19·435	−5	M *m*	...
...	1·354	+12·721	0·85	42.3198	10·0
...	1·524	−35·412	−5	M *m*	...
*	1·531	+ 4·300	1·00	42.3199	10·0
...	2·003	−24·018	−4	M *m*	...
461					
...	+ 2·006	+44·001	−5	M *m*	...
..	2·087	+ 3·760	−4	M *m*	...
S *	2·172	−51·518	1·55	43.3206	9·2
†	2·186	−55·054	−5	M *m*	...
*	2·263	+37·513	1·00	42.3200	9·8
...	+ 2·275	−59·564	−5	M *m*	...
...	2·335	−12·457	−3	M *a*	..
...	2·424	+52·629	−5	*m*	...
...	2·432	−23·097	−5	M *m*	...
*	2·517	−55·662	1·10	43.3207	9·8
471					
...	+ 2·653	−14·826	−2	M	...
...	2·721	+ 5·413	0·90	42.3201	10·4
...	2·747	+15·600	0·70	...	...
*	2·818	− 3·886	2·15	42.3202	8·5
...	2·820	+23·031	0·75	...	..
...	+ 2·847	−52·764	−5	M *m*	...
..	2·867	+19·944	−5	M *m*	...
...	3·008	−50·978	−5	M *m*	...
...	3·118	−25·900	0·65	M	...
*	3·574	− 1·969	2·00	42.3204	8·8
481–540					
481					
*	+ 3′577	+32′700	1·00	42.3203	10·0
S *	3·745	−14·058	2·10	43.3208	8·6
...	3·774	−36·635	−2	M	...
†	3·880	+39·798	−2	...	...
*	3·969	+31·776	1·00	42.3205	10·1
...	+ 3·972	+ 6·444	−1	...	...
...	4·070	+43·188	−5	M *m*	...
...	4·144	−56·862	−3	M	...
...	4·724	+ 0·466	−3	M *a*	...
...	4·786	−14·225	−1	M	..
491					
*	+ 4·811	−18·082	1·00	43.3209	9·8
...	4·944	+48·973	−1	42.3206	10·4
...	5·066	+24·964	−3	...	...
S *	5·247	+16·237	1·98	42.3207	8·7
...	5·280	−38·913	−5	M *m*	...
...	+ 5·367	−37·395	−4	*m*	...
*	5·471	+ 4·329	1·45	42.3208	9·2
...	5·679	+20·085	−5	*m*	...
...	5·765	+23·902	0·80	42.3209	10·4
...	5·875	+20·591	−4	*m*	...
501					
...	+ 6·183	+ 5·597	−5	*m*	...
...	6·303	− 6·896	−3	*b*	...
...	6·382	− 8·414	0·65	43.3210	10·1
...	6·534	−25·973	−2	*b*	...
*	6·601	+38·634	1·00	42.3210	10·2
...	+ 6·629	+ 7·131	−5	*m*	...
†	6·818	−49·931	−5	*m*	...
...	6·845	+ 7·401	−5	*m*	...
...	6·880	−26·310	0·65	...	...
...	7·008	−36·532	−3	*b*	..
511					
...	+ 7·733	−13·652	−3	*b*	...
...	7·764	−48·042	−4	*m*	...
...	7·772	+50·915	−4	...	...
*	7·813	+47·260	1·90	42.3211	8·7
...	7·939	−41·118	0·65	...	...
...	+ 7·941	− 7·772	−3	*b*	...
*	8·089	+59·621	1·20	41.3200	9·6
*	8·122	+ 2·009	1·90	42.3212	9·0
...	8·211	+23·645	0·80	...	...
...	8·293	+16·734	0·65	...	...
521					
...	+ 8·313	−37·398	−4	*m*	...
*	8·391	−32·112	1·35	43.3212	9·6
*	8·499	+ 2·075	1·15	42.3213	9·8
*	8·561	−24·289	1·00	43.3213	10·2
...	8·574	+23·341	−5	*m*	...
*	+ 8·647	+31·807	1·00	42.3214	9·8
*	8·941	−13·489	1·00	43.3215	10·1
*	9·188	+55·544	1·10	41.3202	9·7
*	9·408	+ 2·397	1·00	42.3215	9·8
*	9·505	−32·358	1·10	43.3216	9·8
531					
...	+ 9·682	−43·662	−5	*m*	...
†	9·832	−49·325	1·30	43.3217	9·6
..	10·140	+36·393	0·65	...	...
...	10·154	+ 3·955	−5	*m*	...
*	10·157	+32·382	1·10	42.3216	9·7
...	+10·727	−29·303	−4	*m*	...
*	10·758	+ 3·503	1·05	42.3217	10·0
...	11·222	− 8·304	−2	*b*	...
*	11·289	+56·874	1·30	41.3206	9·3
*	11·305	+46·015	1·15	42.3218	9·6

541–600

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
541					
...	+11·424	+21·774	0·85	42.3219	10·2
*	11·462	−36·584	1·30	43.3220	9·6
†	11·712	+19·841	−5	*m*	...
...	11·747	−38·914	−3	*b*	...
	11·837	+15·744	0·70	...	...
*	11·917	+19·560	1·00	42.3220	10·0
	11·997	+10·595	0·65	...	...
...	12·218	−31·077	−4	*m*	...
...	12·323	+22·811	−4	*a*	...
	12·431	− 9·418	−4	*m*	...
551					
n	+12·550	−18·411	−2	43.3221	10·2
...	12·592	+ 7·355	0·85	42.3221	10·4
m n	12·658	−18·310	−5	43.3221	10·2
	12·703	− 1·152	0·75	...	...
*	12·762	+ 8·248	1·00	42.3222	10·0
	+12·882	+43·358	0·85	...	...
*	13·065	+26·140	1·10	42.3223	9·8
*	13·353	+ 2·488	1·10	42.3224	9·2
*	13·354	+ 2·668	1·05		
	13·422	+23·196	−5	*m*	...
561					
*	+13·527	+30·120	1·00	42.3225	10·1
	13·541	−51·267	−3	...	...
*	13·635	− 9·044	1·85	43.3222	8·9
*	13·669	−21·939	1·00	43.3223	10·1
...	13·687	−58·430	−3	...	...
...	+13·706	− 8·561	0·70	...	...
...	13·793	−26·181	−4	...	...
...	13·843	−53·680	0·90	43.3224	10·2
‡	14·150	+14·764	1·10	42.3226	9·6
*	14·320	+11·777	1·25	42.3227	9·4
571					
*	+14·639	+59·528	1·55	41.3210	8·9
	14·752	+ 0·216	−4	*m*	...
	14·844	−40·205	1·20	43.3225	9·6
...	15·105	+46·186	−5	*m*	...
	15·327	−24·972	−3	...	...
...	+15·397	+17·132	−3	...	...
*	15·475	+46·954	1·00	42.3228	9·8
	15·963	+25·567	−3	...	...
*	16·025	+40·144	1·00	42.3229	9·8
*	16·338	+38·695	1·00	42.3230	10·0
581					
...	+16·541	+21·384	−3	...	...
...	16·698	−56·281	0·65	43.3227	10·2
	17·056	+27·392	2·00	42.3231	8·5
	17·096	−31·925	−4	*m*	...
	17·203	+35·951	−2	...	...
	+17·217	+11·189	−5	*m*	...
*	17·256	+15·614	1·00	42.3232	9·8
...	17·376	+ 3·717	−5	*m*	...
	17·429	− 3·671	1·10	42.3233	9·8
	17·596	+ 8·826	−1		
591					
...	+17·659	−32·017	−5	*m*	...
...	18·087	− 1·373	−5	*m*	...
	18·120	+25·163	−5	*m*	...
	18·284	+34·852	−4		
*	18·677	−43·776	1·00	43.3228	9·8
*	+18·855	+30·534	1·20	42.3234	9·3
	18·892	−31·070	0·75	43.3229	10·0
*	19·006	+12·996	1·75	42.3235	6·2
	19·198	+17·313	−4	*m*	...
...	19·347	−59·470	−2	43.3230	10·2

601–660

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
601					
...	+19·510	+ 3·389	−4	*m*	...
‡	19·668	+24·779	−1	42.3236	10·1
*	19·700	+ 3·572	1·40	42.3238	9·0
‡	19·956	−31·623	1·50	43.3231	8·6
	19·979	+37·068	0·70	42.3237	10·4
...	+20·000	− 9·390	−4	*m*	...
	20·136	+13·302	−4	*m*	...
	20·284	+15·301	−5	*m*	...
	20·579	−11·778	−4	...	...
*	20·818	+55·035	1·40	41.3217	9·6
611					
...	+20·961	+33·505	−3	...	...
*	21·086	−49·678	1·00	43.3232	10·0
*	21·221	−31·743	1·00	43.3234	9·8
...	21·222	−15·461	−1	43.3233	10·2
*	21·282	+ 4·620	1·35	42.3239	9·2
*	+21·312	+ 2·281	1·10	42.3240	9·6
...	21·317	+30·507	−3	...	...
*	21·346	−34·772	1·00	43.3235	9·8
	21·521	+15·777	−5	*m*	...
...	21·551	+22·326	−3	...	...
621					
*	+21·595	+18·060	1·20	42.3241	9·4
...	21·623	+10·481	−2	...	...
*	21·656	−36·325	1·00	43.3236	9·8
	21·802	−19·023	−4	*m*	...
...	21·808	−53·640	0·90	43.3238	10·0
...	+21·916	−41·196	−5	...	...
*	22·082	−14·884	1·00	43.3237	9·6
...	22·146	−27·001	−5	*m*	...
...	22·160	+45·782	−5	*m*	...
...	22·213	−37·132	−3	...	...
631					
...	+22·295	+14·637	−3	...	...
...	22·306	−52·715	−2	43.3239	10·2
S *	22·318	+ 2·603	1·45	42.3242	9·0
...	22·430	−34·072	−5	*m*	...
	23·404	−50·815	−4	...	...
...	+23·468	−37·606	−1	43.3241	10·2
...	23·489	−28·136	−5	*m*	...
*	23·543	−27·990	2·35	43.3240	8·4
†	23·752	+36·384	1·80	42.3243	8·9
*	24·095	− 9·706	2·10	43.3242	8·6
641					
*	+24·239	+ 9·179	1·00	42.3244	9·8
	24·337	−43·525	−5	*m*	...
	24·515	−48·747	−3	...	...
...	24·700	−11·098	−5	*m*	...
†	24·826	−55·038	0·85	43.3243	9·8
*	+25·008	+36·522	1·20	42.3245	9·4
	25·413	−11·816	−5	*m*	...
	25·716	+54·389	−5	*m*	...
*	25·928	+ 7·645	1·15	42.3246	9·4
...	25·942	−42·256	−3	43.3244	10·2
651					
...	+26·202	−26·198	0·70	43.3245	10·2
*	26·329	+ 8·343	1·25	42.3247	9·2
...	26·378	−33·263	−4	...	...
	26·443	−58·238	−5	*m*	...
...	26·584	+50·389	−3	...	...
	+26·778	+18·878	−5	*m*	...
*	26·783	−20·351	1·00	43.3246	10·0
...	26·891	−10·659	−4	...	...
	27·190	+ 6·965	−3	...	...
*	27·260	+40·036	1·00	42.3248	9·8

661–720

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
661					
...	+27·305	+ 7·227	−3	...	...
*	27·391	−43·458	1·00	43.3247	9·6
*	27·499	+18·840	1·65	42.3250	9·2
*	27·511	+37·651	1·00	42.3249	9·8
...	27·544	+20·606	−3	...	...
*	+27·611	−48·528	1·05	43.3249	9·8
...	27·720	− 9·743	0·90	43.3248	10·0
*	27·928	+48·026	1·10	42.3251	9·8
...	27·946	+44·241	−3	...	...
...	28·050	+56·443	−2	41.3230	10·4
671					
...	+28·238	−48·211	0·65	43.3250	10·2
*	28·526	+42·443	1·20	42.3252	9·6
...	29·209	− 3·143	0·80	42.3254	10·4
†	29·295	+44·679	0·70	42.3253	10·0
...	29·315	+50·069	−5	*a*	...
...	+29·524	+48·968	−4	*a*	...
...	29·603	+26·181	−2	42.3256	10·4
...	29·706	−15·324	−4	*m*	...
†	29·849	−47·623	−1	43.3252	10·2
*	29·874	+53·337	1·10	42.3255	9·7
681					
‡	+29·962	−54·988	1·30	43.3254	9·5
...	30·004	−18·656	−4	*m*	...
...	30·059	−13·097	−1	...	...
*	30·102	−18·691	1·20	43.3251	9·4
...	30·188	+15·994	0·85	...	...
...	+30·251	− 8·572	0·95	43.3253	10·0
...	30·271	−21·282	−2	...	...
...	30·456	+45·591	−4	*a*	...
*	30·738	+36·890	1·05	42.3257	10·0
...	30·744	+19·960	−3	...	...
691					
*	+30·836	−16·290	1·00	43.3255	9·8
...	30·863	−14·605	−2	*a*	...
...	31·013	+54·276	−3	...	...
...	31·136	−42·767	0·90	43.3256	10·2
*	31·205	−51·562	2·05	43.3257	8·5
...	+31·442	−55·305	−5	*m*	...
	31·457	−25·520	−3	*b*	...
...	31·578	+13·040	0·75	...	...
...	31·893	+33·629	−2	...	...
*	31·900	− 0·326	1·20	42.3259	9·4
701					
...	+31·946	+23·234	−1	...	...
...	32·051	+13·078	−1	...	...
...	32·068	+51·921	0·85	42.3258	10·2
...	32·356	−27·302	−2	...	...
*	32·597	+17·609	1·00	42.3260	10·2
	+32·684	−40·326	−5	*m*	...
...	33·390	− 5·366	0·65	...	...
	33·440	+22·254	−4	*m*	...
	33·485	+54·338	−2	41.3246	10·4
...	33·556	−29·038	−5	*m*	...
711					
...	+33·848	−45·085	−2	...	...
	34·105	−46·048	0·85	43.3258	10·2
*	34·225	+ 9·450	1·45	42.3261	8·9
*	34·293	+12·430	1·00	42.3262	9·8
*	34·521	−31·111	1·05	43.3259	10·0
	+34·544	−38·563	−4	*m*	...
...	34·792	−55·880	−5	...	...
...	34·964	− 2·663	0·65	...	...
	35·189	+14·862	−2	*a*	...
...	35·214	− 1·893	−4	*m*	...

551, 553. C.P.D., probably mass.

721-780

Notes.	Co-ordinates x.	Co-ordinates y.	Diam.	C.P.D. No.	C.P.D. Mag.
721					
*	+35·215	− 0·696	1·00	42.3263	10·0
*	35·449	−26·370	1·65	43.3260	9·2
*	35·493	+17·639	1·15	42.3264	9·6
...	35·763	+10·913	− 3	...	...
...	35·939	+ 4·199	− 5	m	...
...	+35·944	−42·913	− 3	...	...
...	35·964	− 6·788	− 3	...	...
...	36·031	+15·559	− 4	...	...
*	36·115	+14·005	1·20	42.3265	9·4
*	36·127	+ 7·415	1·15	42.3266	9·6
731					
*	+36·148	−11·159	1·20	43.3261	9·6
...	36·501	− 2·141	− 5	m	...
...	36·772	−41·840	− 4	...	...
...	36·780	+16·813	− 5	m	...
...	37·451	−44·675	− 5	m	...
*	+37·835	−28·199	1·00	43.3263	10·1
*	38·104	−15·778	1·00	43.3264	9·8
...	38·162	+ 0·507	− 5	m	...
...	38·189	−52·309	− 3	...	...
*	38·292	+19·422	1·35	42.3267	9·2
741					
...	+38·433	+37·465	− 5	m	...
...	38·543	+ 9·737	− 4	m	...
...	38·712	+11·415	0·95	42.3268	10·4
...	38·761	+31·901	− 5	m	...
...	39·295	+ 9·441	0·85	...	...
...	+39·566	−56·400	− 1	43.3266	10·2
...	39·570	−58·057	− 1	43.3265	10·2
*	40·220	−26·837	1·15	43.3267	9·6
...	40·325	−39·418	− 2	...	...
*	40·346	+58·060	1·40	41.3257	9·2
751					
...	+40·504	+39·561	− 3	...	...
...	40·516	+31·273	− 4	m	...
...	40·763	+18·266	− 5	m	...
...	40·944	+20·570	− 3	...	...
*	40·952	+59·484	1·50	41.3258	9·3
...	+41·002	+16·896	0·70	...	...
*	41·055	−37·319	1·00	43.3268	9·8
*	41·090	+53·530	1·90	42.3269	9·0
...	41·289	−18·502	0·90	43.3269	10·2
...	41·345	− 4·114	− 5	m	...
761					
..	+41·439	+18·460	− 5	m	...
..	41·552	+ 2·931	0·75	...	...
S *	41·569	−34·757	2·65	43.3271	7·9
*	41·578	−29·262	1·30	43.3270	9·4
...	41·804	+23·508	− 4	m	...
*	+41·900	+17·351	1·05	42.3270	10·0
...	42·208	+32·970	− 5	m	...
*	42·251	+58·338	1·15	41.3261	9·6
...	42·582	−45·071	− 5	m	...
†	42·599	+14·789	− 5	m	..
771					
...	+42·604	+33·488	− 4	m	...
...	42·759	−30·640	− 3	...	...
...	42·828	+34·875	− 4	...	...
...	43·059	+57·226	− 4	...	...
*	43·198	−32·607	1·00	43.3272	10·0
...	+43·242	+ 1·014	− 4	m	...
...	43·245	−26·912	− 4	m	...
S *	43·370	+41·034	2·98	42.3271	7·7
*	43·616	−31·007	1·00	43.3273	9·8
...	43·646	−14·901	0·65	...	...

781-840

Notes.	Co-ordinates x.	Co-ordinates y.	Diam.	C.P.D. No.	C.P.D. Mag.
781					
.	+43·934	−56·931	− 3		...
*	44·031	+28·582	1·00	42.3272	10·2
	44·082	−28·916	− 5	m	...
...	44·221	+ 9·661	0·85	...	...
.	44·307	+30·228	− 5	m	...
.	+44·326	−20·485	− 5	m	
...	44·431	+ 6·196	0·65	...	...
*	44·551	+40·759	1·65	42.3273	8·9
...	44·765	+43·757	− 2	42.3274	10·4
...	44·927	−43·160	− 4	...	.
791					
...	+45·303	−12·849	− 5	m	...
...	45·479	+ 6·532	− 3	..	...
..	45·496	+41·721	− 2	42.3275	10·1
..	45·531	−52·117	− 5	...	...
*	45·621	−15·993	1·25	43.3274	9·6
S *	+45·659	−51·243	3·05	43.3276	8·3
...	45·677	+ 3·177	0·75	42.3277	10·4
...	45·822	− 6·742	0·80	43.3275	10·0
...	45·877	+19·487	0·80	42.3276	10·0
...	46·001	− 3·285	− 5	m	...
801					
...	+46·138	+ 2·471	− 4	m	...
...	46·227	+ 3·569	− 5	m	...
*	46·292	+33·152	1·10	42.3278	9·7
...	46·377	−32·625	− 4	...	..
...	46·570	−10·880	− 4	...	.
...	+46·577	+34·257	− 5	m	...
...	46·876	+55·869	− 3	41.3266	10·4
...	47·037	+13·419	− 3	...	...
...	47·329	+41·887	− 4	...	...
...	47·591	+11·746	3	...	..
811					
*	+47·725	+ 7·989	1·00	42.3280	9·8
*	47·857	+30·368	2·20	42.3279	8·3
...	47·916	−45·774	− 4	...	...
*	48·656	−25·186	1·00	43.3278	9·8
*	48·857	−31·800	1·05	43.3279	9·8
...	+49·106	−54·242	− 3	...	...
...	49·147	+42·485	− 4	...	...
...	49·177	−11·643	− 1	43.3280	10·2
...	49·317	−28·533	− 5	...	...
‡	49·371	+49·804	1·25	42.3281	9·7
821					
...	+49·565	+47·392	− 4	...	...
*	50·134	−44·509	1·25	43.3281	9·6
...	50·360	+41·787	− 4	...	...
...	50·459	+31·373	− 5	m	...
...	50·619	+32·449	− 5	m	...
*	+50·668	+ 8·567	1·00	42.3282	10·0
...	50·794	− 9·120	− 2	...	...
...	50·891	−22·775	− 1	...	..
...	50·909	−24·893	− 4	...	...
...	50·929	−51·848	− 4	...	...
831					
...	+51·247	+10·920	− 3	...	...
...	51·290	+31·995	− 3	...	.
...	51·563	+19·001	0·75	42.3283	10·2
...	51·641	+19·396	0·75	42.3284	10·2
...	51·708	+17·243	− 4	m	...
*	+51·993	− 9·209	1·25	43.3282	9·5
S *	52·012	+36·879	1·55	42.3285	8·9
...	52·035	+53·988	− 5	...	...
*	52·094	−40·086	2·20	43.3283	8·7
...	52·148	+48·673	− 5	m	...

841-888

Notes.	Co-ordinates x.	Co-ordinates y.	Diam.	C.P.D. No.	C.P.D. Mag.
841					
	52·670	+36·746	− 4	...	...
...	52·869	+39·386	− 4	...	...
...	52·887	+55·919	− 4	41.3278	10·4
...	53·133	−11·697	− 5	m	...
...	53·494	+24·984	− 5	m	...
.	+53·718	−55·373	− 3	43 3285	10·2
..	53·852	+22·812	− 4	...	...
*	54·012	− 1·498	1·30	42.3286	9·3
...	54·140	−21·914	− 2	...	...
...	54·149	+44·355	− 3	...	...
851					
...	+54·160	−30·468	− 1	43.3284	10·2
..	54·246	+35·987	− 4	...	...
.	54·273	−34·589	− 1	...	..
...	54·336	− 7·876	− 5	m	...
...	54·430	−13·363	− 5	m	...
...	+54·468	+14·460	− 5	m	...
...	54·485	+23·252	− 5	m	...
...	54·534	−24·726	− 5	m	..
...	54·907	−52·266	− 5	43.3286	10·2
...	55·189	+38·238	− 5	...	...
861					
...	+55·205	− 3·757	− 1	42.3288	10·4
...	55·452	+29·590	0·85	42.3287	10·0
...	55·568	−13·794	− 5	m	...
...	55·957	+ 1·187	0·80	42.3289	10·2
...	56·405	−53·267	− 2	43.3287	10·1
...	+56·436	+18·043	0·75	42.3290	10·1
*	56·472	+ 7·039	1·10	42.3291	9·8
...	56·563	−37·324	− 5	m	...
*	56·719	+13·913	1·15	42.3292	9·7
*	56·935	+ 4·135	1·20	42.3293	9·7
871					
...	+57·134	−23·234	− 5	m	...
*	57·358	−38·671	1·00	43.3288	9·8
	57·493	+ 3·502	− 4	c	...
†	57·614	− 0·118	− 4	a	...
*	57·780	−23·747	1·10	43.3289	9·8
...	+57·823	−59·556	− 5	43.3290	10·2
*	58·030	−52·700	1·50	43.3291	9·4
..	58·466	+16·357	0·90	42.3295	10·0
*	58·515	−44·118	1·00	43.3294	9·8
...	58·564	+12·615	0·80	42.3296	10·1
881					
...	+58·611	−37·184	− 4	...	...
*	58·774	+51·687	1·45	42.3294	9·6
*	58·847	−23·852	1·20	43.3292	9·6
...	58·884	−24·178	0·65	43.3293	10·2
...	58·902	+19·475	− 5	...	...
*	+59·006	−27·311	1·50	43.3295	9·2
‡	59·087	+29·870	1·25	42.3297	9·4
†	59·411	−59·821	− 4	43.3296	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
1-60					
1					
	−59·343	+31·565	− 5	...	...
*	59·347	+ 8·451	1·20	42.3282	10·0
...	59·003	−54·367	− 5	...	...
S *	58·812	+36·789	1·83	42.3285	8·9
...	58·801	+10·813	− 5	...	...
...	−58·725	+18·909	− 1	42.3283	10·2
	58·676	+19·298	− 1	42.3284	10·2
...	58·643	− 9·239	− 4	...	...
...	58·497	+55·854	− 4	41.3278	10·4
*	58·241	−44·622	1·30	43.3281	9·6
11					
	−58·159	−22·873	− 3	...	...
	58·136	+36·667	− 5	...	...
...	58·033	+39·345	− 4	...	...
*	57·450	− 9·279	1·45	43.3282	9·5
...	56·913	+44·323	− 5	...	...
...	−56·558	+35·975	− 5	...	...
*	56·426	−40·137	2·00	43.3283	8·7
*	55·648	− 1·532	1·35	42.3286	9·3
..	55·172	+29·603	0·65	42.3287	10·0
...	54·936	−21·920	− 3	...	...
21					
...	−54·647	−30·460	− 2	43.3284	10·2
...	54·402	− 3·737	0·70	42.3288	10·4
...	54·401	−34·582	− 3	...	...
...	54·356	−55·373	− 5	43.3285	10·2
...	53·831	+18·096	0·80	42.3290	10·1
.	−53·795	+ 1·225	0·80	42.3289	10·2
*	53·464	+ 7·087	1·05	42.3291	9·8
*	53·427	+13·973	1·05	42.3292	9·7
.	53·273	−52·240	− 5	43.3286	10·2
*	52·931	+ 4·203	1·20	42.3293	9·7
31					
*	−52·510	+51·775	1·05	42.3294	9·6
..	52·334	+ 3·583	− 5	E	...
...	51·747	+16·468	0·85	42.3295	10·0
...	51·721	−53·186	− 2	43.3287	10·1
...	51·537	+12·728	0·80	42.3296	10·1
*	−51·535	+29·980	1·15	42.3297	9·4
.	51·412	+19·599	− 5	...	...
*	51·231	−23·632	1·00	43.3289	9·8
*	51·198	−38·566	1·00	43.3288	9·8
...	50·986	+58·506	− 5	..	...
41					
*	−50·390	+41·352	1·15	42.3298	9·6
...	50·381	+50·175	5	..	..
...	50·242	+57·8.2	1	41.3291	9·8
*	50·166	−23·711	1·20	43.3292	9·6
...	50·125	−59·420	− 5	43.3290	10·2
	−50·122	+56·822	1·85	41.3292	9·3
	50·120	−24·135	− 2	43.3293	10·2
	50·103	−52·561	1·30	43.3291	9·4
..	50·019	−37·033	5	...	...
S	49·904	−27·167	1·45	43.3295	9·2
51					
	−49·896	−43·979	1·00	43.3294	9·8
...	49·102	−16·292	− 5	.	...
...	48·521	−12·413	− 3	43.3298	10·2
	48·514	−59·658	− 1	43.3296	10·0
..	48·511	−20·952	0·95	43.3297	10·0
	−48·417	+18·968	− 5	...	...
.	48·257	−43·474	− 5		...
...	48·254	+17·469	− 5		...
*	48·053	+37·835	1·40	42.3299	9·4
*	47·958	−27·348	1·00	43.3299	10·1
61-120					
61					
.	−47·665	−14·202	− 1	43.3301	10·2
*	47·552	+31·515	1·75	42.3301	9·3
.	47·548	+ 3·189	1·35	42.3300	9·4
.	47·430	−12·163	− 4	...	...
.	47·445	−26·431	− 2	...	...
...	−47·445	−57·185	− 1	43.3300	10·0
⋮	46·899	+59·722	− 4	41.3300	10·4
...	46·819	−10·479	− 5	...	...
..	46·572	−15·564	0·65	43.3303	10·2
*	45·739	−47·994	1·30	43.3304	9·6
71					
*	−45·139	−52·323	1·15	43.3306	9·8
...	45·135	−16·985	0·90	43.3307	10·0
†	44·964	+28·793	− 2	42.3302	10·4
*	44·654	+ 6·137	1·00	42.3303	9·7
.	44·559	−38·438	− 1	43.3308	10·1
*	−44·374	− 3·687	2·25	42.3304	8·5
..	44·241	+ 8·742	− 2	42.3305	10·4
...	43·941	+ 2·368	− 3	42.3306	10·4
*	43·511	+19·725	1·25	42.3307	9·3
S *	43·452	+59·575	2·58	41.3306	8·8
81					
†	−43·436	−39·956	− 1	43.3309	10·1
...	43·298	−47·936	− 5	...	...
...	43·291	+15·955	0·90	42.3308	9·8
...	43·103	+16·453	− 4	...	...
S *	43·093	+ 7·645	1·85	42.3309	8·8
..	−42·791	−40·701	− 5	...	
...	42·743	− 9·252	− 4	...	...
.	42·727	+17·326	− 5	A	..
...	42·667	+27·649	− 5	...	...
...	42·436	−58·853	0·85	43.3310	9·8
91					
...	−41·850	+48·898	− 5	42.3311	10·4
..	41·498	+24·224	0·90	42.3310	10·0
.	41·429	+35·634	− 2	42.3312	10·4
..	41·294	− 1·953	− 5	B	...
...	41·260	−53·226	− 3	43.3311	10·2
.	−40·305	−43·972	0·70	43.3312	10·4
...	39·707	− 2·608	0·80	42.3313	9·8
..	38·919	−52·719	3	43.3313	10·6
...	38·752	−44·152	− 5	...	...
...	38·714	− 3·246	− 4	...	...
101					
.	−38·268	+51·453	0·95	42.3316	9·8
..	38·232	+44·141	0·70	42.3315	9·8
	38·221	− 5·617	0·85	42.3314	10·0
.	37·884	+14·626	− 3	.	...
	37·794	+43·385	− 5	.	..
	−37·701	+18·681	− 5		
	37·674	+ 9·240	− 3		...
	37·615	+ 0·963	0·80	42.3317	10·2
...	37·082	+23·089	− 5	...	...
	37·074	− 2·291	− 5	B	...
111					
...	−36·416	− 6·352	− 2	43.3316	10·4
*	36·396	−21·562	1·55	43.3315	9·4
...	36·217	−20·897	− 3	43.3317	10·6
	36·136	−29·040	− 4	...	...
..	36·132	+30·220	− 2	42.3318	10·4
*	−36·124	+38·944	1·00	42.3319	9·7
*	35·775	− 3·470	1·00	42.3320	9·7
*	35·643	+21·961	2·25	42.3321	8·7
...	35·456	+57·992	− 5	...	...
*	35·080	−17·875	1·00	43.3318	10·2
121-180					
121					
†	−34·806	−55·476	0·70	43.3319	10·2
..	34·751	−15·046	− 2	...	...
...	34·705	−59·247	0·70	43.3320	10·2
..	34·423	−32·752	− 5	...	...
...	34·133	+12·385	− 1	42.3322	10·2
...	−34·076	−15·325	− 5	...	...
...	34·070	−56·296	0·65	43.3321	10·2
*	33·990	− 6·501	1·10	43.3322	9·8
...	33·969	−33·840	− 2	43.3323	10·6
...	33·965	+ 6·107	0·85	42.3323	9·8
131					
..	−33·908	+41·909	− 1	42.3324	10·4
...	33·474	−25·989	− 3	...	...
...	33·219	−16·560	− 5	...	...
*	32·625	−13·441	2·35	43.3325	8·5
..	32·432	−31·052	− 3	43.3324	10·6
*	−32·420	+45·294	1·25	42.3325	9·4
...	32·360	− 1·042	− 4	...	...
...	32·232	+28·968	− 4	...	...
...	31·910	−16·615	− 3	43.3326	10·6
...	31·897	+54·082	− 5	...	...
141					
...	−31·876	+ 3·159	− 4	...	...
.	31·744	+32·357	0·70	42.3326	10·0
...	31·534	−35·184	− 3	..	...
*	31·439	− 1·977	2·35	42.3327	8·6
...	31·407	−54·383	− 5	...	...
S *	−31·232	−48·097	2·00	43.3327	9·0
..	31·176	+18·001	− 5	...	...
.	30·946	−59·094	− 1	43.3328	10·6
...	30·412	−24·515	− 4	...	...
...	30·318	+12·605	− 4	...	...
151					
†	−29·930	+24·054	− 5	...	
...	29·826	+ 2·438	− 4	A	..
...	29·764	+13·433	− 4	...	...
...	29·097	+22·711	0·70	42.3329	10·1
...	29·054	+21·076	− 3	42.3328	10·4
...	−28·771	−53·648	− 1	43.3329	10·6
...	28·402	−51·238	0·70	43.3330	10·6
...	28·220	+47·606	− 4	...	...
...	28·129	−59·755	− 5	...	...
...	27·822	−43·233	0·95	43.3331	10·5
161					
*	−27·576	+40·999	1·10	42.3330	9·8
...	27·028	+ 3·444	− 3	...	..
...	26·885	− 1·207	− 3	.	.
...	26·880	+49·933	− 4		.
	26·778	−50·261	− 3	...	
.	−26·422	+14·354	− 5		.
...	26·296	+38·283	0·95	42.3331	10·2
*	25·455	−33·307	1·10	43.3332	10·0
...	25·257	−11·120	− 5	A	...
..	25·225	−34·368	− 5	...	...
171					
*	−25·224	−40·419	1·10	43.3333	10·0
⋮	24·878	− 9·298	1·05	43.3334	10·4
..	24·534	+56·141	− 1	41.3341	10·4
*	24·441	+13·881	1·25	42.3332	9·6
	24·106	−53·802	− 2	43.3335	10·6
.	−24·053	−45·104	− 5	...	...
.	23·884	+56·616	− 4	...	...
	23·810	+ 9·833	− 1	42.3333	10·4
.	23·729	+15·592	− 2	...	...
..	23·633	−51·711	− 3	...	..

H measured from 1, 151, 340, 538
B " " 74, 236, 462, 625.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	− 5.	No.	Mag.
181-240					
181					
*	−23·556	−28·377	1·70	43·3337	9·2
...	23·525	−18·503	− 4	...	...
...	23·511	−16·547	0·65	43·3338	10·6
..	23·492	−18·848	− 5	...	...
...	23·382	+33·021	0·95	42.3334	10·1
...	−23·213	−42·811	− 1	...	...
..	23·078	+18·324	− 4	...	...
...	22·592	−45·418	− 5	...	...
*	22·400	−12·650	1·40	43.3339	9·6
S *	22·236	− 5·773	2·93	42.3335	7·8
191					
...	−21·595	−56·273	0·85	43.3340	10·4
...	21·344	−41·979	− 5	...	...
...	21·285	+40·295	− 3	...	...
*	21·130	−36·889	1·35	43.3341	9·7
...	20·875	+27·973	− 5	A	...
...	−20·405	−10·910	− 3	...	...
...	20·047	−45·987	− 5	B	...
‡ *	20·029	+32·058	1·00	42.3336	10·4
...	19·810	−46·856	0·65	...	...
*	19·742	−15·873	1·00	43.3343	10·4
201					
...	−19·670	+26·475	− 1	42.3337	10·4
*	19·576	+12·079	1·50	42.3338	9·2
*	19·421	− 4·518	1·00	42.3339	10·0
.	19·171	−54·999	− 4	...	...
...	19·127	+39·052	0·70	42.3340	10·4
*	−18·986	+34·734	1·10	42.3341	9·7
*	18·742	+43·713	1·35	42.3343	9·6
..	18·703	−41·569	− 5	...	...
..	18·677	+24·621	0·65	42.3342	10·4
...	18·636	−48·488	0·70	43.3344	10·6
211					
...	−18·550	−45·613	− 3	...	...
...	18·278	+26·858	− 4	...	...
...	18·223	+11·784	− 3	...	...
...	18·138	−35·319	− 5	...	...
*	18·133	+36·583	1·00	42.3344	9·8
*	−18·034	+15·377	1·40	42.3345	9·3
...	18·030	+48·002	− 1	42.3346	10·2
...	17·955	−10·352	0·65	...	...
*	17·789	−19·511	1·00	43.3345	10·2
...	17·715	+42·409	− 5	A	...
221					
..	−17·295	−13·997	− 3	...	...
...	17·204	+29·522	0·65	42.3347	10·2
*	17·062	+12·072	1·25	42.3348	9·8
.	17·060	−22·108	0·95	43.3348	10·4
...	16·947	− 0·672	− 3	A	...
...	−16·902	−26·400	− 2	...	...
...	16·664	−44·031	− 2	43.3349	10·6
*	16·416	−19·304	1·30	43.3350	9·7
...	16·317	−12·889	0·75	43.3351	10·6
...	16·254	+13·725	− 2	42.3349	10·4
231					
*	−16·230	+30·408	1·45	42.3350	9·1
...	15·982	−13·776	− 5	A	...
...	15·891	−38·490	− 5	...	...
...	15·697	−44·394	− 2	43.3352	10·6
*	15·403	+35·832	1·35	42.3351	9·3
S *	−14·697	+53·806	1·38	42.3352	9·4
*	14·394	+43·690	1·00	42.3353	9·8
...	14·339	−21·392	0·70	43.3353	10·6
...	14·338	−59·109	− 4	...	...
*	14·144	+ 0·545	1·00	42.3354	9·7

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	− 5.	No.	Mag.
241-300					
241					
.	−14·070	+30·046	− 5	...	...
*	13·705	−33·168	2·15	43.3354	8·7
...	13·560	+59·515	− 5	41.3354	10·4
*	13·415	−33·386	1·50	43.3355	9·1
...	13·331	− 6·027	0·65	43.3356	10·5
*	−13·294	+29·428	1·05	42.3355	9·6
...	13·074	+47·880	− 5	.	.
...	13·066	+43·585	− 5	.	..
...	12·868	+46·257	− 3	..	...
...	12·853	−57·507	− 3		..
251					
...	−12·852	+44·075	− 4	..	...
...	12·798	−51·038	− 5	...	...
...	12·772	−11·992	− 1	43.3357	10·5
...	12·284	+19·696	− 3	42.3356	10·4
..	12·057	+ 2·646	− 5	A	...
†	−11·986	− 0·043	0·75	42.3357	9·8
*	11·969	+ 2·041	1·00	42.3358	9·6
*	11·655	+ 5·216	1·30	42.3359	9·3
...	11·414	+21·368	0·75	42.3360	9·8
*	11·402	−45·147	1·25	43.3358	9·4
261					
...	−11·399	−29·571	0·75	43.3359	10·2
...	10·850	−43·664	− 5	...	...
*	10·427	−51·292	1·35	43.3360	9·4
..	9·666	−28·392	− 5	...	...
...	9·491	+38·673	− 3	...	...
...	− 8·818	−51·315	0·75	43.3363	10·4
..	8·721	+ 0·657	0·75	42 3361	9·8
...	8·317	−22·656	− 5	...	...
...	8·300	+15·578	− 4	...	...
...	8·192	+ 1·063	0·70	42.3362	10·0
271					
..	− 8·085	−43·272	− 4	...	...
...	7·660	+18·886	− 2	42.3363	10·2
*	7·601	−53·697	1·05	43.3364	9·8
*	7·591	+32·784	1·10	42.3364	9·6
*	7·486	− 1·729	7·75	42.3366	6·0
...	− 7·476	+58·705	− 1	41.3363	10·2
S *	7·468	+36·949	1·45	42.3365	9·1
*	7·279	−27·993	1·30	43.3365	9·7
...	7·246	+ 1·744	− 2	42.3367	10·4
*	6·744	−49·196	1·45	43.3366	9·4
281					
‡	− 6·709	+14·883	1·40	42.3368	9·2
...	6·519	+11·627	− 5	...	..
S *	6·437	+ 4·450	2·10	42.3369	8·5
...	6·410	− 0·934	− 4	42.3370	10·4
F	6·234	+ 0·244	− 4	42.3371	10·4
...	− 6·051	+ 2·010	0·80	42.3372	10·0
...	5·960	− 3·225	− 4	B	...
*	5·859	−10·394	1·60	43.3368	9·0
...	5·795	−28·185	− 2	43.3367	10·5
...	5·769	+ 6·106	− 5	B	...
291					
...	− 5·479	+48·118	− 5	A	...
...	5·286	+15·118	− 5	...	...
...	5·145	+50·107	− 5	...	...
†	4·991	−33·491	0·90	43.3369	10·1
...	4·887	− 3·022	− 5	B *m*	...
*	− 4·872	+ 3·230	1·50	42.3373	9·1
...	4·632	+29·740	− 1	42.3374	10·1
...	4·628	−39·727	− 4	...	...
...	4·615	+41·778	0·65	42.3375	10·1
*	4·371	+ 4·203	1·00	42.3376	9·7

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	− 5.	No.	Mag.
301-360					
301					
..	− 4·328	+49·736	− 3	...	...
...	4·287	+ 3·395	− 5	B *m*	...
.	4·280	+ 2·985	0·80	42.3377	10·0
...	4·109	+41·340	− 5	*m*	...
...	3·978	−59·180	− 5	...	...
...	− 3·974	+58·375	0·75	41.3367	10·0
...	3·900	− 3·399	− 5	B *m*	...
..	3·867	−20·540	− 3	43.3371	10·6
...	3·748	−20·832	− 3	43.3372	10·6
*	3·575	−59·584	2·00	43.3373	9·2
311					
*	− 3·540	− 4·091	1·10	42.3378	9·6
..	3·322	+19·651	− 4	42.3379	10·4
*	3·162	−34·180	1·10	43.3374	10·0
...	3·073	−55·115	− 5	...	...
...	3·066	+40·557	− 5	...	...
*	− 2·999	+27·357	1·00	42.3380	9·7
...	2·693	−39·728	− 5	...	...
...	2·234	−38·784	− 4	...	...
*	2·225	+46·390	1·25	42.3381	9·2
...	2·115	+29·304	− 1	42.3382	10·1
321					
..	− 2·115	−32·959	− 5	...	...
..	1·990	+ 7·703	− 4	*m*	...
...	1·802	+24·000	0·85	42.3383	9·8
n	1·558	− 8·195	− 4	43.3376	10·2
..	1·517	− 1·796	− 2	42.3384	10·4
*	− 1·417	−37·151	1·00	43.3375	10·0
...	1·390	+26·666	− 5	...	...
...	1·292	+23·870	0·70	42.3385	10·0
n	1·270	− 8·148	− 1	43.3376	10·2
...	1·226	+12·195	− 1	42.3386	10·4
331					
...	− 1·162	− 0·640	− 5	B *m*	...
.	1·128	+ 8·620	− 3	42.3387	10·4
...	0·880	+18·280	− 4	*m*	...
	0·827	−52·670	− 4	..	...
...	0·688	+12·299	− 1	42.3388	10·4
*	− 0·354	− 4·171	1·00	42.3389	10·0
...	0·202	−41·762	− 5	...	...
‡	0·109	+17·995	1·00	42.3390	9·7
†	− 0·059	+ 6·994	− 2	42.3391	10·4
...	+ 0·292	−40·759	− 5	B *m*	..
341					
..	+ 0·509	−42·320	− 1	...	...
..	0·510	+12·695	0·70	42.3392	10·4
...	0·669	−30·769	− 1	...	...
	0·674	+44·405	0·90	42.3393	10·0
...	0·809	+ 0·249	− 4	*β m*	...
..	+ 0·858	+26·072	− 1	42.3394	10·4
...	0·867	−18·950	− 5	B *m*	...
...	0·880	+28·023	− 3	...	...
..	1·120	− 7·760	− 5	B *m*	...
...	1·216	+48·557	− 5	A *m*	..
351					
...	+ 1·224	+ 1·665	− 5	B *m*	...
*	1·256	− 6·050	1·00	43.3378	10·4
*	1·341	−36·524	1·00	43.3379	10·2
...	1·558	−56·023	0·90	43.3380	10·6
...	1·838	+36·658	− 4	A *m*	...
*	+ 1·841	+50·060	1·00	42.3395	10·0
..	1·995	−56·731	0·70	43.3381	10·6
...	1·999	+ 6·962	− 5	A *m*	...
. .	2·060	−46·291	− 5	...	...
†	2·109	+39·865	− 5	A *m*	...

324, 329. C.P.D., suspected double.

361–420

Notes.	Co-ordinates.		Diam.	C.P.D.	
	α	δ	s.	No.	Mag.
361					
	+ 2·180	−5·461	1·00	42.3396	9·8
	2·487	−24·137	− 5	A *m*	…
·	2·844	+12·370	1·20	42.3397	9·7
…	2·996	−23·693	− 4	M	…
·	3·065	+ 3·604	2·45	42.3398	8·3
†	+ 3·261	+54·902	− 5	…	…
	3·301	− 4·251	− 5	B *m*	…
·	3·350	− 5·936	1·25	43.3382	9·8
·	3·359	−20·427	− 5	M	…
…	3·607	+13·136	− 2	42.3399	10·4
371					
…	+ 3·680	+37·747	− 5	A *m*	…
·	3·796	+20·999	− 4	A *m*	..
…	3·958	−39·141	− 5	…	…
…	3·980	+37·080	− 5	A *m*	…
…	4·230	−55·931	− 4	…	…
·	+ 4·294	−42·198	− 5	M	…
..	4·534	+ 0·731	− 5	M *b*	.
.	4·718	+32·153	− 5	*m*	..
.	4·858	− 6·718	− 5	…	…
*	5·536	−24·614	1·00	43.3383	10·4
381					
*	+ 5·727	−45·668	1·00	43.3384	10·2
.	5·811	+16·192	0·65	42.3401	10·4
…	5·815	+25·671	0·75	42.3400	10·4
.	5·826	−58·125	− 4	…	…
*	5·986	− 1·280	1·00	42.3402	10·0
*	+ 6·108	−36·407	1·00	43.3385	10·2
…	6·614	−24·514	0·90	43.3387	10·1
…	6·863	+34·704	− 5	*a*	…
*	6·870	+12·854	1·65	42.3403	9·1
*	7·067	− 1·992	1·10	42.3404	9·7
391					
·	+ 7·196	−19·416	1·00	43.3388	10·4
*	7·234	−54·548	1·20	43.3389	10·0
*	7·466	− 3·652	1·15	42.3405	10·0
·	7·491	+ 1·756	− 5	*b*	…
	7·627	+ 5·180	− 5	*b*	…
·	+ 7·652	+57·285	0·75	41.3378	10·4
…	7·754	−20·552	0·90	43.3391	10·6
	7·799	+55·963	− 5	*a*	…
·	7·833	−49·927	− 5	…	…
	7·860	−17·984	0·80	43.3392	10·4
401					
	+ 8·016	+45·835	− 5	*a*	…
·	8·165	+ 5·857	2·70	42.3406	8·1
…	8·182	−19·263	− 4	…	…
·	8·282	−22·424	2·00	43.3393	8·7
	8·300	+10·967	− 5	*a*	
	+ 8·305	+16·235	− 4	*a*	
†	8·377	+ 9·991	− 5	*a*	
	8·403	+ 6·164	− 5	*b*	.
	8·422	− 0·571	− 4	*b*	.
…	8·774	− 0·591	− 3	42.3407	10·4
411					
	+ 8·930	−32·451	− 5	*b*	.
—	8·944	−27·669	− 3		
	8·965	−31·438	− 3	…	…
	9·312	−11·837	− 5	*b*	
	9·391	− 7·826	− 5	*b*	.
	+ 9·453	−51·499	− 5	…	
	9·474	−27·151	− 5	*b*	.
…	9·504	+ 7·257	− 5	*b*	
…	9·536	−44·730	− 1	43.3394	10·6
†	9·694	−10·609	− 1	43.3395	10·6

421–480

Notes.	Co-ordinates.		Diam.	C.P.D.	
	α	δ	s.	No.	Mag.
421					
	+ 9·853	+55·086	1·30	41.3381	9·6
·	10·378	−10·798	1·25	43.3396	9·8
*	10·397	−28·922	1·90	43.3397	9·1
…	10·735	−18·438	− 3	…	…
*	10·778	−15·055	1·00	43.3398	10·2
…	+10·807	+33·089	− 3	…	…
S *	10·910	+45·449	1·10	42.3408	9·6
..	10·953	−51·115	0·95	43.3399	10·5
…	11·153	−43·774	− 1	…	…
..	11·330	−58·726	− 4	..	…
431					
*	+11·353	−47·704	1·00	43.3400	10·1
…	11·802	+47·185	− 5	*a*	.
…	12·081	+59·027	− 4	…	…
..	12·243	− 7·282	− 4	..	…
…	12·265	−51·075	− 2	…	…
…	+12·473	+19·825	0·75	42.3409	10·2
…	12·496	−59·237	− 2	…	…
…	12·686	−52·871	− 3	.	…
…	12·708	−58·051	− 5		…
…	12·926	+57·916	− 2		…
441					
…	+12·941	−53·140	− 3	.	…
…	12·946	+28·532	− 3		…
…	12·983	−27·423	− 5	.	…
…	13·146	−31·025	− 5	…	…
*	13·170	−18·388	1·30	43.3402	9·6
†	+13·244	−39·849	†	…	…
·	13·266	+49·940	1·35	42.3410	9·2
…	13·472	+39·774	− 1	42.3411	10·4
.	13·544	−40·766	− 5	…	…
…	13·551	+29·230	0·65	42.3412	10·2
451					
..	+13·646	+ 0·587	0·80	42.3414	10·4
…	13·874	+31·045	0·75	42.3413	10·2
*	13·878	−46·116	2·85	43.3403	8·0
…	13·912	− 5·469	− 4	*b*	..
…	14·069	+21·678	− 4	*a*	…
	+14·099	+18·857	− 5	*a*	…
·	14·315	+23·509	1·20	42.3415	9·4
…	14·349	+44·654	− 2	…	…
.	14·403	−15·652	− 5	*a*	…
…	14·504	−46·554	0·75	43.3404	10·6
461					
…	+14·513	−50·154	− 3	…	…
†	15·019	−24·911	− 4	…	…
·	15·283	−31·084	1·80	43.3405	8·8
.	15·493	+ 5·517	− 4	…	…
	15·527	−41·178	− 3	…	…
..	+15·736	−22·506	− 3	43.3406	10·5
.	16·536	+56·813	− 4	…	…
*	16·598	+52·137	1·20	42.3416	9·4
..	16·698	+47·725	− 3	42.3417	10·4
..	16·997	+37·842	− 5	…	…
471					
.	+17·228	+ 3·477	− 5	*a*	…
.	17·286	−40·216	− 3	…	.
†	17·356	+54·922	0·70	41.3395	10·0
	17·389	+48·652	− 5	…	…
*	17·450	+33·469	1·05	42.3418	9·7
…	+17·523	+31·065	− 4	42.3419	10·4
…	17·760	+18·151	0·70	42.3420	10·1
…	18·106	− 1·581	0·65	42.3421	10·2
	18·821	+38·340	− 3	…	…
	19·102	−24·909	1·00	43.3409	10·1

481–540

Notes.	Co-ordinates.		Diam.	C.P.D.	
	α	δ	s.	No.	Mag.
481					
…	+19·170	− 6·049	− 1	43.3408	10·6
	19·259	−59·413	− 5	.	…
*	19·621	−13·922	1·00	43.3410	10·1
·	19·820	+44·990	1·00	42.3422	9·7
…	20·330	− 8·366	0·65	43.3411	10·4
…	+20·688	− 5·861	0·70	42.3423	10·1
.	20·816	+23·283	0·65	42.3424	10·4
…	20·862	+43·947	− 5	…	..
*	21·119	+19·517	1·50	42.3425	8·8
*	21·129	−42·655	1·00	43.3412	10·0
491					
…	+21·186	+ 5·686	− 3	…	…
…	21·256	−51·821	− 1	43.3413	10·5
…	21·524	+ 7·736	− 5	*a*	…
..	21·599	− 4·335	− 3	42.3426	10·4
…	21·616	−17·583	− 5	…	…
…	+21·791	−34·000	0·90	43.3414	10·1
…	21·971	+24·706	− 5	*a*	…
…	22·173	−15·826	− 5	…	…
…	22·210	−14·137	− 5	…	…
S *	22·345	− 7·452	1·55	43.3415	9·1
501					
n	+22·369	−56·268	− 4	43.3417	10·6
*	22·412	− 1·835	1·10	42.3427	9·4
n	22·516	−56·231	− 4	43.3417	10·6
…	22·845	+ 0·372	− 5	*a*	…
…	22·985	−54·569	0·65	43.3418	10·4
…	+22·990	+ 8·106	0·70	42.3428	9·8
*	23·082	+55·840	1·60	41.3411	9·3
..	23·198	−35·757	− 1	43.3419	10·6
*	23·499	+ 6·287	1·40	42.3429	8·9
…	23·694	+20·717	− 4	…	…
511					
*	+24·147	−33·405	1·00	43.3421	10·0
…	24·359	−11·655	− 3	…	…
…	24·418	−30·329	0·80	43.3422	10·1
…	24·433	−57·130	− 5	…	…
…	24·684	−38·853	− 5	…	…
S *	+24·731	+ 8·464	3·00	42.3430	7·4
…	24·755	+ 1·246	− 4	…	..
…	25·426	+ 3·717	− 4	…	…
…	25·717	+ 3·878	0·80	42.3431	9·8
…	25·934	−41·689	− 5	…	…
521					
*	+26·578	+ 8·248	2·90	42.3432	7·4
…	26·800	−16·037	− 1	43.3423	10·4
…	27·117	+53·392	− 5	…	…
*	27·249	−38·696	2·60	43.3424	8·1
…	27·278	−19·084	− 5	…	…
…	+27·407	+37·018	0·85	42.3433	10·0
…	27·447	+46·294	− 5	..	…
…	28·269	− 7·228	− 3	43.3425	10·6
*	28·439	+22·026	1·00	42.3434	9·7
…	28·654	−49·030	− 5	…	…
531					
…	+28·868	+ 8·451	− 3	42.3435	10·4
…	29·109	+ 0·931	− 3	42.3436	10·4
.	29·522	−50·580	− 5	…	…
*	29·545	+10·928	1·00	42.3438	9·9
…	29·572	+35·384	− 3	42.3437	10·5
…	+29·696	−42·457	− 5	…	…
S *	29·740	−54·580	1·60	43.3426	9·3
†	29·916	−17·786	− 2	…	…
…	30·050	−26·683	0·80	43.3428	10·5
…	30·105	+44·638	− 5	42.3439	10·5

501, 503. C.P.D., probably mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. s.	C.P.D. No.	C.P.D. Mag.
541-600					
541					
*	+30·493	− 3·042	1·40	42.3440	9·5
*	30·761	−26·600	1·00	43.3429	10·1
...	31·054	−18·313	− 5	a	...
...	31·196	+43·774	0·85	42.3442	10·2
...	31·322	+ 9·770	− 2	...	...
..	+31·335	+44·154	− 5	42.3441	10·5
...	31·371	+41·889	0·65	42.3443	10·5
*	31·394	− 7·778	1·05	43.3430	10·1
...	31·496	−33·956	− 2	...	...
*	31·609	−44·599	1·30	43.3431	9·7
551					
...	+31·859	+31·229	− 4	...	...
...	32·487	+12·323	− 5	a	.
...	32·734	+33·964	− 5	...	...
...	32·827	+28·099	− 5	a	...
*	33·154	−20·329	1·15	43.3432	10·0
*	+33·444	−23·285	1·00	43.3433	10·1
...	33·582	+ 0·936	− 4	a	...
*	33·606	−18·282	1·40	43.3434	9·4
...	33·635	+35·587	0·90	42.3444	10·0
*	33·755	−14·087	1·00	43.3435	10·1
561					
...	+33·896	+33·295	− 2	42.3445	10·5
...	33·955	+42·827	− 4	...	...
*	34·111	−16·548	1·10	43.3436	10·0
...	34·247	− 9·360	0·65	...	...
†	34·512	−39·828	− 3	...	...
*	+34·528	+33·617	1·10	42.3446	9·8
...	34·579	+40·288	0·65	42.3447	10·4
†	34·747	−19·928	− 4	...	...
...	34·783	+14·233	− 2	42.3448	10·4
†	34·946	−37·449	− 1	43.3438	10·6
571					
†	+34·980	−45·253	− 2	43.3439	10·6
..	35·072	−12·597	− 3	..	...
...	35·194	− 4·821	− 2	42.3449	10·6
..	35·311	+13 423	− 4	...	...
...	35·326	−44·033	− 4	...	...
S *	+35·422	−46·950	2·00	43.3441	8·7
*	35·461	−13·425	1·65	43.3440	9·4
...	35·787	+17·006	− 5	...	...
*	35·815	−33·776	1·10	43.3442	10·0
...	35·830	−10·516	− 5	...	...
581					
...	+36·001	+25·085	− 5	...	...
*	36·294	−39·012	1·90	43.3444	8·7
...	36·314	−47·778	− 5	...	...
...	36·673	+35·729	− 4	...	.
...	36·853	− 7·451	− 5	b	...
...	+36·928	−59·273	− 4	...	...
*	36·941	−54·078	1·80	43.3445	9·1
‡	37·109	+20·013	1·15	42.3450	9·7
...	37·172	− 1·157	− 5	a	...
...	37·220	+13·727	− 5	a	...
591					
...	+37·319	+ 0·633	− 5	b	...
*	37·366	−48·472	1·15	43.3446	10·0
...	37·611	+ 5·442	− 5	a	...
...	38·441	+45·136	0·95	42.3452	10·2
...	38·486	+44·367	0·95	42.3451	10·0
*	+38·779	+48·948	2·20	42.3453	8·5
*	38·942	−54·104	1·20	43.3447	9·8
...	39·658	+15·753	− 2	42.3454	10·5
...	39·801	− 1·961	− 2	...	...
*	40·097	−15·872	1·40	43.3448	9·2
601-660					
601					
...	+40·436	−12·857	− 5	...	...
*	40·628	+ 9·530	1·10	42.3455	10·0
*	40·766	−22·207	1·95	43.3449	8·9
...	40·940	+29·805	− 5	a	...
*	41·176	+27·415	1·70	42.3456	9·3
..	+41·198	− 4·835	− 5	a	...
...	41·438	+ 5·304	− 5	...	...
*	41·462	+25·712	1·00	42.3457	10·0
*	41·515	−53·511	1·70	43.3452	9·4
S *	41·518	+ 6·878	2·63	42.3458	7·9
611					
*	+41·636	−12·351	4·90	43.3450	6·1
..	41·745	−15·511	0·65	43.3451	10·6
...	42·328	−50·229	− 2	43 3454	10·6
*	42·467	−23·235	1·05	43.3453	10·0
...	42·743	+46·848	− 5	...	...
*	+42·964	+55·815	1·15	41.3442	10·0
...	43·178	−27·190	− 4	...	...
...	43·234	+18·760	− 2	42.3459	10·5
...	43·359	+ 0·880	− 5	a	...
.	43·566	+55·726	0·80	41.3443	10·2
621					
...	+43·796	−35·339	− 4	...	...
*	44·034	+36·947	1·15	42.3460	9·9
*	44·443	+20·738	1·20	42.3461	9·8
...	44·528	−17·550	0·90	43.3456	10·4
...	44·977	+17·477	− 2	42.3462	10·4
...	+44·981	−57·275	− 4	43.3459	10·5
...	44·991	+15·916	− 5	a	...
...	45 046	+ 7·875	− 2	42.3463	10·5
‡	45·138	− 4·822	2·70	42.3467	8·0
...	45·292	−31·250	− 1	43.3457	10·4
631					
...	+45·378	−27·563	− 3	43 3458	10·6
...	45·440	+ 2·833	− 1	42.3468	10·4
*	45·629	+38·490	1·20	42.3465	9·6
...	45·670	+51·708	− 5	42.3464	10·5
*	45·900	+52·441	1·50	42.3466	9·2
..	+45·988	−20·447	− 5	...	...
...	46·174	+32·537	− 5	...	...
†	46·376	−49·864	− 2	43.3461	10·2
...	46·480	− 1·934	− 5	...	...
†	46·496	+49·875	− 2	42.3469	10·2
641					
...	+46·528	−22·490	− 3	43.3460	10·6
	46·995	−46·528	− 4	...	...
	47·099	−58·312	− 4	43.3463	10·6
...	47·104	−32·410	− 4	...	...
...	47·274	−43·190	− 3	43.3462	10·6
...	+47·313	−14·728	− 5	...	...
...	47·583	−43·822	− 1	43.3464	10·4
...	47·627	+23·295	− 4	...	...
...	47·692	−20·863	− 5	...	...
..	47·759	+42·994	− 5	42.3470	10·5
651					
...	+48·209	−31·476	− 5	...	...
...	48·411	+24·832	− 5	...	...
...	48·918	−33·171	− 4	...	...
...	48·949	−46·432	− 2	43.3465	10·6
*	48·976	−49·987	1·45	43.3466	9·4
*	+49·148	−50·957	1·30	43.3467	9·7
...	49·191	−56·424	− 5	...	...
...	49·238	+12·183	− 5	...	...
†	49·277	−54·855	− 5	...	..
...	49·610	−46·283	0·75	43.3469	10·1
661-705					
661					
‡	+49·918	−10·478	1·00	43.3468	10·0
.	49·928	+18·359	− 5	...	...
*	50·024	+53·556	1·55	42.3471	9·2
†	50·354	+24·897	0·90	42.3472	9·9
...	50·772	+ 6·584	0·65	42.3473	10·5
*	+50·894	− 3·859	1·10	42.3475	9·8
...	50·943	+12·187	− 3	42.3474	10·2
*	51·224	+ 7·902	1·15	42.3477	9·6
...	51·273	−44·018	− 4	43.3470	10·6
..	51·274	−55·823	0·65	43.3471	10·2
671					
...	+51·455	+29·189	− 5	e	...
...	51·675	+42·546	− 1	42.3476	10·0
...	52·430	−17·619	− 4	...	...
*	52·719	−25·623	1·25	43.3472	9·8
...	52·870	−32·599	− 4	43.3473	10·6
...	+53·383	+ 3·603	− 4	...	...
...	53·944	+14·468	− 4	...	...
*	54·028	+37·499	1·35	42.3478	9·4
...	54·122	+11·295	− 3	42.3479	10·4
...	54·252	−42·432	− 1	43.3474	10·2
681					
...	+54·319	−47·753	− 5	43.3475	10·6
...	54·526	−40·353	− 5	...	...
...	54·555	+13·566	− 5	e	...
...	54·880	+34·762	− 4	42.3480	10·5
...	54·914	+59·316	− 5	41.3458	10·5
...	+54·934	− 5·730	− 5	...	...
...	54·936	−12·491	− 4	...	...
...	55·034	+19·908	0·70	42.3481	10·4
..	55·774	−38·196	− 5	...	...
...	55·847	+31·273	− 3	42.3482	10·4
691					
...	+55·936	−40·627	− 5	...	...
...	56·330	+23·051	− 5	...	...
*	56·616	−21·382	1·15	43.3476	9·8
...	56·703	− 4·628	− 5	e	...
...	57·089	−13·239	− 3	...	...
...	+57·565	+47·181	0·85	42.3483	9·9
...	58·228	+23·287	− 4	...	...
...	58·234	−46·144	0·75	43.3477	10·0
..	58·251	+55·902	− 5	41.3464	10·4
...	58·491	+25·452	− 4	...	...
701					
...	+58·503	−56·452	− 1	43.3478	10·0
*	58·869	+56·123	1·40	41.3466	9·4
*	59·115	−44·383	5·30	43.3479	6·8
...	59·237	−50·942	− 3	43.3480	10·4
...	59·291	−21·141	− 5	...	...

1–60

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
1					
	−59·825	−33·330	− 3	...	...
*	59·523	−10·625	1·15	43.3468	10·0
..	59·450	+27·388	− 5	M	...
	59·403	−46·589	− 1	43.3465	10·6
...	59·336	+42·442	0·95	42.3476	10·0
*	−59·266	−50·126	1·75	43.3466	9·4
...	59·176	−13·023	− 4	A	...
..	59·168	+12·070	− 1	42.3474	10·2
...	59·167	+ 6·457	0·75	42.3473	10·5
...	59·157	+29·086	− 4	E	...
11					
...	−59·151	−21·924	− 4	...	...
	59·078	−46·910	− 5	...	...
	59·067	−51·103	1·45	43.3467	9·7
	58·839	−55·003	− 5	...	...
*	58·750	+ 7·799	1·45	42.3477	9·6
...	−58·741	−46·419	0·95	43.3469	10·1
*	58·720	− 3·979	1·40	42.3475	9·8
	58·271	−46·542	− 5	...	...
†	57·659	−44·849	− 5	...	...
..	57·148	−44·108	− 1	43.3470	10·6
21					
†	−57·079	−39·792	− 5	...	...
*	56·824	+37·452	1·50	42.3478	9·4
...	56·789	−55·905	0·65	43.3471	10·2
..	56·770	−17·692	− 3	...	...
...	56·626	−30·603	− 5	...	...
.	−56·590	+59·300	− 3	41.3458	10·5
	56·463	+ 3·564	− 2	..	.
...	56·393	+24·678	− 5	M	..
...	56·272	+33·553	− 5	M	.
...	56·265	+22·113	− 5	M	.
31					
*	−56·248	−25·670	1·30	43.3472	9·8
...	56·222	+54·461	− 5	M	...
	56·221	+14·435	− 2	..	...
...	55·937	+11·269	0·65	42.3479	10·4
	55·883	−32·637	− 2	43.3473	10·6
...	−55·875	+34·766	− 2	42.3480	10·5
...	55·753	+25·766	− 5	M	.
	55·595	+13·546	− 5	E	...
†	55·297	+19·907	0·85	42.3481	10·4
...	54·823	+31·278	0·65	42.3482	10·4
41					
	−54·632	− 5·722	− 2	...	.
	54·624	−54·646	− 5	.	
	54·443	−12·484	0·65	...	...
	54·34	+26·284	− 5	M	
	54·230	−42·426	0·70	43.3474	10·2
.	−54·228	−40·672	− 5	...	
	54·159	−42·244	− 5		...
	54·084	+23·085	− 3	...	..
.	54·017	+ 4·903	− 5	M	.
	54·008	−47·743	− 3	43.3475	10·6
51					
.	−54·002	−40·347	− 4	...	...
	53·586	+47·240	1·25	42.3483	9·9
	53·523	−31·656	− 5	...	..
.	53·181	+55·987	− 3	41.3464	10·4
	52·898	− 4·588	− 4	E	
	−52·825	−38·158	− 3		
...	52·814	−40·567	− 3	..	
...	52·541	− 8·676	− 5	M	
*	52·513	+56·222	1·40	41.3466	9·4
..	52·493	−32·834	− 5	M	..

61–120

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
61					
*	−52·486	−21·317	1·20	43.3476	9·8
..	52·339	+38·453	− 5	M	...
...	52·332	− 7·851	− 5	M	...
...	52·290	+44·279	− 5	M	
..	52·256	−13·176	0·70	...	..
..	−52·200	+23·382	− 2	...	.
.	52·014	+25·554	− 3	...	..
...	51·917	+31·634	− 5	M	...
..	51·846	+34·286	− 4	...	.
..	51·798	−11·374	− 5	M	...
71					
S *	−51·613	+56·467	2·93	41.3470	8·2
...	50·882	−31·796	− 4	...	...
.	50·871	−18·167	− 5	...	...
..	50·531	+30·157	0·75	42.3484	10·2
.	50·468	+43·078	− 4	...	...
.	−50·223	− 6·677	− 5	M	...
*	50·123	−46·009	1·05	43.3477	10·0
.	49·933	+58·641	1·70	41.3472	9·4
...	49·804	−20·996	− 2	...	...
*	49·554	−56·306	1·10	43.3478	10·0
81					
*	−49·300	−44·252	5·40	43.3479	6·8
.	49·289	+45·429	− 5	...	...
...	49·095	+39·005	− 3	...	...
*	49·066	+33·448	1·45	42.3485	9·8
.	48·992	−50·773	0·75	43.3480	10·4
...	−48·860	+25·779	− 5	M	...
*	48·557	+36·339	1·35	42.3487	9·8
*	48·526	+23·913	1·40	42.3486	9·4
...	48·488	+18·782	− 5	M	...
..	48·365	−24·216	− 1	...	..
91					
.	−48·360	− 1·133	− 5	M	...
...	47·862	+35·732	− 5	M	..
..	47·744	+23·143	− 4	M	.
..	47·638	−50·587	− 5	...	.
.	47·609	−55·237	− 5	...	.
*	−47·581	+10·904	5·65	42.3488	5·7
	47·536	+39·673	− 5	A	...
...	47·457	+36·137	− 4	A	..
..	46·722	−15·224	− 2	...	...
*	46·653	+11·597	1·30	42.3489	9·8
101					
*	−46·343	+12·636	1·15	42.3490	9·8
.	46·269	+48·252	− 3	...	...
a *	46·190	− 0·323	1·05	42.3491	10·0
.	46·177	+34·872	− 4	...	...
	46·175	+31·821	− 1	42.3492	10·5
..	−45·831	+35·048	− 1	42.3493	10·5
	45·607	−47·839	− 1	43.3481	10·6
	45·326	−47·666	− 3	43.3482	10·6
.	45·108	−48·679	− 3	...	...
...	45·054	−10·128	− 4	...	...
111					
†	−45·028	+44·247	− 4	...	...
	45·027	+25·914	1·30	42.3494	9·8
*	44·984	−15·665	− 2	..	...
	44·881	+24·380	1·05	42.3495	10·2
	44·842	−25·070	1·55	43.3483	9·4
...	−44·638	−43·591	− 1	..	...
S *	44·602	−32·023	2·13	43.3484	8·8
.	44·536	− 4·235	− 5	M	..
	44·489	−24·137	0·90	43.3486	10·6
.	44·417	−46·842	1·10	43.3485	10·4

121–180

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
121					
*	−44·239	+ 9·733	1·00	42.3496	10·2
...	44·156	−51·658	− 5	...	...
..	44·086	− 3·219	− 4	M	...
*	43·999	− 7·535	1·00	43.3487	10·6
...	43·765	+ 4·327	− 5	M	...
*	−43·751	− 3·303	3·15	42.3497	7·8
...	43·619	− 1·857	0·70	...	...
...	43·476	−50·100	− 5	...	...
...	43·360	−41·158	0·85	43.3488	10·6
...	43·318	−44·322	− 2	...	...
131					
...	−43·164	−23·236	− 5	M	...
...	43·034	+42·645	− 3	A	...
*	42·903	−34·360	1·25	43.3489	10·0
...	42·635	+ 9·288	− 1	...	...
*	42·573	−13·225	1·90	43.3491	9·2
..	−42·492	+ 4·247	− 5	M	...
...	42·411	−50·568	− 5	M	...
..	42·367	+ 5·181	− 4	M	...
*	42·221	−28·104	1·40	43.3492	9·7
*	42·064	+15·115	1·00	42.3499	10·2
141					
*	−42·045	+ 0·292	1·30	42.3498	9·8
*	41·821	+14·529	1·10	42.3500	10·2
...	41·664	−37·001	0·90	43.3494	10·4
*	41·616	−51·894	1·20	43.3493	10·2
...	41·413	−48·789	− 5	...	..
	−41·407	+51·081	− 5	M	...
...	41·183	+40·818	0·65	...	...
*	41·164	+11·589	1·10	42.3501	10·0
...	40·952	+13·686	− 3	A	...
..	40·928	−12·467	− 2	...	...
151					
*	−40·730	+35·799	1·55	42.3502	9·8
...	40·512	−14·176	− 3	B	...
	40·503	+51·666	− 2	...	...
...	40·498	−56·478	0·80	43.3495	10·4
...	40·433	+16·076	− 5	M	...
..	−40·396	−21·687	− 4	...	...
...	40·387	+46·493	− 4	M	..
..	40·282	+ 6·640	− 5	M	...
..	40·175	+ 0·812	0·75	...	...
*	40·073	−26·391	1·00	43.3496	10·4
161					
.	−40·024	+ 4·077	− 2	...	...
†	39·923	+45·323	− 3	..	...
.	39·834	−41·956	− 5	...	...
*	39·783	+15·653	1·60	42.3504	9·5
*	39·762	− 1·210	2·00	42.3503	9·0
*	−39·704	+30·398	1·00	42.3505	10·2
...	39·457	−20·175	− 5	M	...
*	39·452	+42·235	1·10	42.3506	10·2
...	39·324	−20·561	0·70	..	...
...	39·294	+35·460	0·65	...	...
171					
*	−39·231	−16·370	1·40	43.3497	9·8
...	38·902	+14·386	0·80	42.3507	10·5
*	38·893	−44·037	1·10	43.3498	10·4
...	38·524	+ 8·364	− 5	M	...
	38·408	−57·859	− 5	M	..
...	−38·242	−39·698	0·70	...	...
...	38·084	+ 4·188	− 5	M	..
	38·070	+ 8·611	− 5	M	...
...	38·065	−20·169	− 1	...	
...	37·928	−45·083	− 4	A	...

B measured from 1, 236, 453, 683.
H " " 114, 336, 556, 773.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
181-240					
181					
..	−37·360	+23·382	− 3	° A	...
S ⁄	37·288	+38·665	2·55	42.3508	9·0
...	37·097	+32·769	− 4	M	..
...	37·013	−55·653	− 4	...	...
..	36·954	−57·439	− 2	...	...
...	−36·525	−12·056	− 5	M	..
.	36·467	+14·712	− 5	M	..
⁄	36·414	−29·826	1·10	43.3500	10·1
...	36·274	+11·208	− 5	M	...
...	35·820	+51·251	− 1	42.3509	10·5
191					
...	−35·798	−55·693	− 5	M	...
...	35·581	+58·042	− 5	M	...
...	35·534	−29·130	− 2	...	...
...	35·392	−56·137	− 5	M	...
†	34·933	+40·858	0·85	42.3510	10·5
...	−34·754	−38·796	− 5	M	...
...	34·750	−20·200	− 1	...	...
...	34·580	−29·520	0·90	43.3501	10·6
...	34·557	−45·876	− 3	A	...
*	34·554	−15·075	1·70	43.3502	9·6
201					
...	−34·455	−55·159	− 2	...	...
...	34·328	+28·859	− 2	...	...
...	34·265	− 1·713	− 5	M	...
...	34·214	+33·601	− 5	M	...
.	33·930	−45·157	− 4	...	...
*	−33·850	+36·329	1·00	42.3511	10·4
*	33·388	−49·980	2·30	43.3503	8·7
...	33·276	+ 4·049	0·90	42.3513	10·4
*	33·222	− 4·189	1·00	42.3512	10·4
...	32·911	−48·629	− 2	...	...
211					
...	−32·613	+22·546	− 4	M	...
...	32·582	−50·111	− 5	M	...
...	32·478	− 0·262	− 2	...	...
...	32·468	+ 5·109	− 4	M	...
...	32·294	−59·008	− 5	M	...
*	−31·768	+24·086	2·05	42.3514	9·0
...	31·684	−37·042	0·90	43.3505	10·6
...	31·438	+37·305	− 4	M	...
..	31·380	+ 7·868	− 4	M	..
*	31·367	+13·983	1·00	42.3515	10·4
221					
...	−31·298	+50·091	− 5	M	...
.	31·206	− 3·532	− 1	...	...
...	30·953	−55·877	− 5	M	...
*	30·942	+26·395	1·55	42.3517	9·4
*	30·909	− 1·983	1·60	42.3516	9·6
...	−30·736	−25·141	− 5	M	...
...	30·451	−14·717	− 5	M	...
...	30·420	−13·112	− 2	...	...
...	30·255	−51·199	− 5	M	.
†	29·965	+38·933	− 5	...	.
231					
⁄	−29·875	−46·033	1·05	43.3506	10·0
...	29·769	+13·284	− 5	M	...
...	29·575	−54·582	− 5	...	...
*	28·948	+37·511	1·00	42.3518	10·0
...	28·948	−22·983	− 3	...	...
...	−28·586	+ 6·156	− 2	...	...
...	28·493	+31·735	− 3	...	..
S *	28·392	−15·497	2·85	43.3507	8·2
...	28·238	+43·416	− 4	...	...
...	28·152	+40·635	− 3	...	...
241 300					
241					
...	−28·086	−34·282	− 3	...	...
..	27·952	+ 0·153	− 3	A	...
*	27·889	− 8·041	2·80	43.3509	8·5
...	27·799	−12·280	− 4	..	...
...	27·764	−22·033	− 3	...	...
...	−27·695	+36·034	0·80	42.3519	10·2
...	27·621	+54·091	− 5	M	.
...	27·462	+57·576	− 5	M	.
...	27·264	+41·975	− 3	...	...
...	27·004	+52·122	− 3	...	...
251					
...	−27·001	+31·487	− 4	M	...
...	26·815	−59·572	− 1	43.3510	10·5
...	26·739	+58·056	0·65	41.3502	10·4
...	26·336	−29·700	− 5	M	...
...	26·264	−27·101	− 5	...	...
*	−26·077	+ 6·040	1·10	42.3520	9·8
...	26·043	+25·663	0·80	42.3521	10·4
...	26·000	−13·241	− 3	A	...
*	25·938	− 9·637	1·55	43.3511	9·3
*	25·766	−27·231	1·00	43.3512	10·0
261					
...	−25·343	+26·904	− 5	M	...
...	25·320	−18·103	− 5	M	...
...	25·235	−31·929	− 5	M	...
...	25·092	−20·936	− 5	M	...
S ⁄	25·030	−50·960	4·25	43.3513	7·3
...	−24·885	−24·600	− 3	...	...
...	24·796	−42·871	− 2	43.3514	10·6
...	24·694	+ 1·379	− 4	A	...
...	24·619	−33·970	− 4	...	..
...	24·609	+56·809	− 5	M	...
271					
...	−24·434	−41·643	− 5	M	...
...	24·313	+41·291	− 3	...	...
*	24·020	+13·220	1·00	42.3522	10·0
...	24·018	−17·579	− 1	43.3517	10·6
...	23·971	−55·231	0·80	43.3515	10·4
*	−23·921	+12·263	1·40	42.3524	9·5
...	23·905	+20·696	0·80	42.3523	10·0
..	23·883	−51·818	0·75	43.3516	10·6
...	23·539	−21·954	- 5	M	...
...	23·475	−38·235	0·65	43.3518	10·6
281					
..	−23·254	−36·726	− 5	...	...
⁄	23·218	−29·955	1·90	43.3519	9·0
*	23·120	+15·555	1·30	42.3525	9·8
...	23·088	−42·573	− 1	43.3521	10·6
...	22·981	+37·065	0·90	42.3526	10·2
...	−22·916	−58·174	− 4	...	...
...	22·728	−59·145	− 4	...	...
...	22·676	+17·512	− 4	M	...
...	22·524	+22·497	− 3	42.3527	10·4
...	22·426	−10·170	0·70	43.3523	10·6
291					
...	−22·353	+52·966	− 5	M	...
*	21·942	−50·683	1·10	43.3524	9·8
*	21·872	+ 8·904	1·60	42.3528	9·4
*	21·626	+55·846	1·50	41.3511	9·6
...	21·586	+28·198	− 2	...	...
*	−21·549	+32·872	1·35	42.3529	9·4
...	21·351	+22·505	0·75	42.3530	10·2
...	20·944	+32·934	0·65	42.3531	10·4
*	20·707	−39·127	2·15	43.3527	8·9
...	20·565	+28·703	− 5	M	...
301 360					
301					
	−20·514	−15·546	− 5	° ...	...
⁄	19·680	+35·239	1·30	42.3532	9·8
	19·368	+ 7·532	− 5	M	...
..	19·274	+24·873	− 5	M	...
*	19·217	−55·072	1·45	43.3528	9·8
...	−19·155	+54·607	− 1	41.3514	10·4
..	18·929	+30·973	0·70	42.3533	10·4
...	18·788	− 0·505	− 5	M	...
.	18·724	−51·524	0·70	43.3529	10·5
..	18·671	− 2·004	0·80	42.3534	10·2
311					
⁄	−18·490	+58·406	1·10	41.3515	10·0
..	18·396	− 6·675	− 4	M	...
..	18·295	+45·635	0·75	42.3535	10·2
*	18·054	+59·341	2·10	41.3516	9·2
...	17·943	+47·259	− 5	M	...
...	−17·753	+ 8·915	0·70	42.3536	10·4
...	17·565	+ 9·580	− 5	M	...
*	17·563	−10·829	2·10	43.3531	9·2
...	17·331	+46·046	− 1	42.3537	10·5
*	17·252	+53·703	1·00	42.3538	10·0
321					
.	−17·096	−34·066	− 4	...	...
*	16·757	−11·544	1·00	43.3532	10·1
*	16·589	−35·778	1·40	43.3533	9·8
...	16·401	−16·905	− 4	...	...
*	16·376	−12·634	1·45	43.3534	9·4
*	−16·369	−27·751	1·05	43.3535	10·1
*	16·148	+31·743	1·35	42.3539	9·8
...	15·962	−33·836	− 5	M	...
*	15·844	− 3·879	1·00	42.3540	10·0
...	15·799	−12·767	0·85	43.3536	10·2
331					
S *	−15·654	+ 1·237	2·63	42.3541	8·2
...	15·649	+25·884	0·80	42.3542	10·0
..	15·238	−46·587	− 5	..	...
...	15·220	+57·992	− 5	...	...
†	15·055	+11·223	− 3	...	...
⁄	−14·995	+35·458	1·35	42.3543	9·4
...	14·503	+15·277	0·80	42.3544	10·4
...	14·448	+58·718	0·65	41.3524	10·4
..	14·406	− 7·821	− 2	...	...
..	14·368	−24·586	− 5	M	...
341					
.	−14·329	−45·838	0·85	43.3537	10·6
..	14·234	+41·468	− 4	M	...
...	14·183	−53·371	− 5	M	...
.	14·166	+14·640	− 5	M	...
..	14·112	−46·939	0·85	43.3538	10·6
†	−14·015	−54·814	− 2	...	...
..	13·707	−30·698	− 5	M	..
...	13·406	+12·171	− 5	M	...
..	13·344	−20·315	0·80	43.3539	10·6
n	13·277	−16·671	0·70		
351				43.3540	9·0
n *	−13·179	−16·396	2·15		
..	13·116	−52·080	− 5	M	...
	13·001	+ 3·349	− 3	A	...
	12·766	+28·929	0·75	42.3545	10·5
	12·535	−12·766	0·70	43.3541	10·6
..	−12·488	−23·022	− 5	M	...
,	12·266	−21·112	1·00	43.3542	10·0
...	12·067	+21·183	0·70	...	...
...	11·941	−23·172	0·75	43.3543	10·6
...	11·760	−26·655	0·80	43.3544	10·6

350. 351. C.P.D., suspected double.

361 420

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
361					
.	−11·398	+40·142	− 4	M	.
	11·276	+31·624	− 3	A	...
...	11·11[illegible]	+11·430	− 5	M	
	11·085	−29·859	− 3	...	
.	11·074	−13·978	− 5	M	...
...	−10·91[illegible]	+35·203	− 5	M	...
...	10·894	−12·671	0·80	43·3545	10·6
*	10·759	+18·232	1·35	42.3546	9·6
	10·722	+16·594	− 3	A	...
...	10·685	+17·140	− 4	M	...
371					
...	−10·666	−36·408	− 5	M	...
..	10·608	−51·761	0·90	43·3546	10·6
*	10·573	−42·419	1·00	43·3547	10·6
*	10·419	+ 3·828	1·10	42.3547	9·9
	10·323	− 8·189	− 5	M	...
*	−10·320	− 5·019	1·10	42.3548	10·0
	10·068	+35·086	1·10	42.3549	10·0
...	9·593	+28·385	− 5	M	..
..	9·583	+54·304	− 5	M	..
..	9·415	+41·202	− 1	...	.
381					
..	− 9·358	+25·318	− 3	...	...
..	9·116	+23·998	0·65	42.3550	10·5
.	8·799	+33·258	0·80	42.3551	10·4
...	8·712	−51·000	− 5	...	...
...	8·695	−28·335	− 5	M	...
*	− 8·646	+58·529	1·35	41.3531	9·8
..	8·503	+58·605	− 5	M	.
.	8·245	−34·684	−5	M	.
.	7·850	+14·687	− 4	M	.
...	7·827	− 6·714	− 4	M	
391					
*	− 7·795	+32·236	1·25	42.3552	9·8
...	7·618	+33·204	− 1	..	...
...	7·549	−22·745	− 4	M	...
S *	7·328	+17·178	1·45	42.3553	9·7
*	7·15[illegible]	−20·043	1·00	43.3548	10·2
*	− 7·133	+56·904	1·10	41.3533	10·4
	6·693	−20·927	0·70	...	.
.	6·558	+15·466	− 5	M	.
	6·393	+15·933	− 5	M	
...	6·28[illegible]	+28·799	− 3	...	
401					
	− 6·219	+29·008	− 5	M	.
.	6·056	− 9·175	1·05	43·3549	10·1
*	5·953	−49·416	1·00	43·3551	10·4
*	5·869	−35·660	1·15	43·3550	10·2
...	5·805	+29·708	− 5	M	...
*	− 5·330	− 4·963	− 5	M	...
	4·741	−32·498	0·75	43·3552	10·6
...	4·479	+33·077	− 5	M *m*	...
.	4·461	+54·797	0·75	41.3540	10·5
...	4·288	+35·584	0·90	42.3554	10·5
411					
*	− 4·217	− 7·169	1·10	43.3553	10·0
..	4·215	+28·087	− 5	M *m*	...
*	3·979	−38·292	1·20	43.3554	10·1
..	3·[illegible]	−17·554	− 3	*m*	...
*	3·[illegible]	−51·481	1·20	43.3555	10·1
*	− 3·782	−29·867	0·85	43·3556	10·5
S *	3·300	+ 3·[illegible]	2·90	42.3555	7·8
...	3·217	−30·502	− 5	M *m*	..
.	3·196	+29·390	− 5	M *m*	...
*	3·129	− 2·905	1·[illegible]	42.3556	10·2

421-480

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
421					
...	− 3·016	− 5·093	− 5	M *m*	...
*	3·011	−21·537	1·00	43.3557	10·4
..	2·801	+48·146	− 3	...	...
*	2·767	+23·927	1·70	42.3557	9·7
...	2·693	+30·740	− 5	M *m*	...
...	2·569	+10·781	− 4	M *m*	
...	2·568	+28·179	− 5	M *m*	..
.	2·431	+45·402	− 3	M	...
.	2·405	+49·963	1·50	42.3558	9·5
...	2·346	−48·982	− 2	*m*	...
431					
...	− 2·319	−13·172	− 5	M *m*	...
...	2·308	+ 7·293	− 2	...	...
*	2·254	+38·062	1·00	42.3559	10·2
...	2·106	−38·624	− 5	M *m*	...
*	2·087	+46·451	1·35	42.3560	9·5
*	− 2·045	+ 0·917	1·75	42.3561	9·5
...	1·876	−54·431	− 4	M *m*	...
*	1·732	+47·307	1·10	42.3562	9·9
...	1·680	+38·3[illegible]	− 5	M *m*	...
*	1·538	−53·893	1·00	43.3559	10·4
441					
...	− 1·533	+38·108	− 5	M	...
...	1·446	+32·398	− 5	M *m*	...
...	1·380	+32·121	− 5	M *m*	...
...	1·370	−20·793	0·85	43.3558	10·5
...	1·286	+ 9·605	0·65	42.3563	10·5
.	− 1·260	−43·266	− 5	M *m*	.
..	1·084	− 9·486	− 3	*m*	.
..	0·910	+ 1·081	0·65	M	..
.	0·604	+ 6·106	0·90	42.3564	10·4
...	0·312	−55·167	− 4	*m*	...
451					
..	− 0·231	−49·228	− 2	*m*	...
†	− 0·096	+25·297	− 1	42.3565	10·5
...	+ 0·394	+27·165	− 5	M *m*	..
...	0·661	−56·864	0·70	43.3561	10·6
...	0·736	+23·652	0·70	42.3566	10·2
.	+ 0·879	− 9·652	0·75	43.3560	10·5
...	0·920	+25·694	0·80	42.3567	10·0
	1·156	−33·104	− 1	43.3562	10·6
	1·171	−41·146	− 5	M *m*	...
...	1·280	−21·128	0·65	43.3563	10·6
461					
...	+ 1·360	+34·133	0·65	42.3568	10·5
...	1·514	+45·396	− 4	M *m*	...
.	1·578	+21·259	− 5	M *m*	...
*	1·887	−37·139	2·35	43.3564	8·6
...	2·163	−51·134	− 2	43.3565	10·6
..	+ 2·391	−38·599	− 5	*m*	.
	2·532	−44·008	− 3	.	...
	2·550	+35·739	− 5	M *m*	...
..	2·623	−28·888	− 5	M *m*	...
...	2·687	−40·228	− 5	M *m*	...
471					
..	+ 2·699	+10·683	0·70	42.3570	10·4
.	2·715	+32·106	− 1	42.3569	10·5
*	2·826	+ 0·768	1·50	42.3571	9·5
	2·828	−34·447	− 2	43.3566	10·6
..	2·891	−54·240	− 3	*m*	...
*	+ 2·915	−57·201	1·05	43.3567	10·2
	3·169	−43·457	− 4	*m*	...
*	3·233	+33·353	1·30	42.3572	9·7
	3·482	+22·605	− 5	M	..
...	3·794	−12·584	0·75	43.3568	10·5

481-540

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
481					
...	+ 3·853	+36·681	− 4	M	...
n *	3·861	−45·203	1·55	43.3569	8·8
*	4·020	+37·785	1·15	42.3573	9·8
n *	4·068	−45·221	1·40	43.3569	8·8
...	4·086	−47·913	− 5	M *m*	...
..	+ 4·128	−26·257	− 5	M *m*	.
..	4·384	+19·000	− 3	M	..
...	4·687	+ 2·076	− 1	M	.
†	4·887	−27·404	− 4	*m*	...
†	4·969	+53·632	0·65	42.3574	10·5
491					
*	+ 5·143	−39·193	1·20	43.3572	9·8
..	5·162	+18·816	− 5	...	..
...	5·236	+ 1·808	− 5	*m*	..
...	5·402	+49·062	− 5	...	...
..	5·408	+41·651	− 2	...	...
...	+ 5·846	+42·110	− 2	...	..
...	6·111	+41·176	− 3	...	...
...	6·167	−30·077	− 5	*m*	...
...	6·172	−57·203	− 3	...	...
...	6·373	−21·631	0·75	43.3573	10·5
501					
...	+ 6·611	+11·295	− 4	...	...
...	6·630	−10·497	− 4	*m*	...
...	6·664	−11·871	0·70	43.3574	10·4
..	6·743	+55·033	− 5	...	...
...	7·070	−15·283	− 1	43.3575	10·6
†	+ 7·157	+44·889	− 1	42.3575	10·5
*	7·269	+46·639	1·10	42.3576	10·0
...	7·295	+ 7·322	− 1	42.3577	10·5
S *	7·324	+12·157	2·33	42.3577	8·6
*	7·501	+ 8·024	1·25	42.3579	9·7
511					
...	+ 7·600	−27·272	− 5	*m*	...
	7·614	+38·096	− 2	..	...
	7·826	+19·338	0·70	42.3580	10·4
..	8·044	+48·810	− 5	.	.
.	8·136	−19·609	− 3	..	...
...	+ 8·293	+44·665	− 3		.
†	8·365	+49·892	0·70	42.3581	10·4
..	8·467	+53·105	− 1	42.3582	10·5
..	8·539	+37·684	− 1	...	...
...	8·615	+ 2·791	− 5	*m*	...
521					
.	+ 8·652	−52·686	− 3	*h*	...
.	8·870	+31·886	0·70	42.3583	10·5
...	9·121	−28·760	− 3	*h*	...
...	9·443	+ 6·624	− 1	42.3584	10·5
...	9·707	−18·428	− 4	*m*	...
..	+ 9·715	−32·976	0·70	43.3578	10·6
*	9·740	+10·553	1·00	42.3585	9·8
..	9·754	−16·421	− 1	43.3579	10·6
...	10·213	−44·995	− 4	*m*	...
...	10·388	+19·708	− 2	42.3586	10·5
531					
*	+10·424	−53·053	2·35	43.3580	9·2
...	10·433	+30·587	− 1	42.3587	10·5
*	10·535	−46·735	2·00	43.3581	9·2
	10·602	+51·518	− 4	...	...
	10·642	−44·489	− 1	...	...
...	+10·899	+51·885	0·70	42.3588	10·4
	10·918	−58·149	0·90	43.3582	10·2
.	11·157	−20·626	− 5	*m*	...
...	11·213	+48·153	0·85	42.3589	10·4
	11·304	−20·94[illegible]	− 1	43.3583	10·6

482, 484. C.P.D., suspected double.

541–600

Notes.	Co-ordinates. x.	y.	Diam. s.	C.P.D. No.	Mag.
541				° ′	
...	+11·634	+ 2·491	− 5	m	...
*	11·647	− 8·419	1·05	43.3584	10·2
...	11·687	−58·782	0·85	43.3585	10·4
...	11·817	+31·939	− 1	...	...
...	11·881	− 2·874	− 4	m	...
...	+11·889	−36·119	− 4	m	...
...	11·936	+56·423	− 4	...	...
...	12·339	+55·830	− 5	...	...
*	12·660	+ 4·923	1·05	42.3590	10·0
*	13·479	−56·086	1·05	43.3586	10·0
551					
...	+14·435	−42·726	0·65	43.3587	10·6
...	14·448	+56·176	0·75	41.3577	10·4
...	14·541	+35·986	− 1	42.3591	10·5
*	14·618	+51·690	1·00	42.3592	10·0
‡	14·864	−20·760	1·00	43.3588	10·1
†	+14·964	− 4·107	− 5	m	...
...	15·254	− 0·470	− 5	m	...
...	15·317	+33·023	− 4	m	..
*	15·616	+ 1·482	2·85	42.3593	8·2
...	15·665	+31·054	0·85	...	...
561					
...	+15·699	−22·330	− 5	m	...
*	15·998	+ 7·567	1·00	42.3594	9·8
...	16·080	+ 7·604	0·95		
S *	16·122	−17·414	2·05	43.3589	9·4
...	16·130	−42·424	0·65	...	...
...	+16·713	+47·572	0·85	42.3595	10·5
*	16·736	+ 0·971	1·95	42.3597	9·2
...	16·799	−52·381	− 5	m	...
...	16·805	+22·513	− 5	m	...
...	16·885	+27·449	− 5	...	...
571					
*	+16·994	+37·229	1·00	42.3596	10·4
*	17·088	+ 8·525	1·05	42.3598	9·9
...	17·153	−47·566	− 4	m	...
*	17·246	−57·786	1·30	43.3590	10·0
...	17·257	+55·604	− 5	...	...
...	+17·491	−38·701	− 5	m	...
...	17·564	+45·989	− 4	...	...
...	17·632	+58·335	− 4	...	...
...	17·662	+44·148	0·80	42.3599	10·5
...	17·734	+26·677	− 5	m	...
581					
...	+17·870	+41·103	− 5	...	...
...	17·891	−26·762	− 5	m	...
*	17·994	+48·623	1·00	42.3600	10·2
*	18·038	−11·652	1·00	43.3591	10·2
...	18·075	+ 8·742	− 5	m	...
...	+18·423	−51·941	− 5	m	...
...	18·434	−34·666	− 5	m	...
...	18·453	+47·998	− 5	m	...
...	18·505	+26·282	− 3	...	...
...	18·510	−22·055	− 1	...	...
591					
*	+18·521	+23·364	2·75	42.3601	8·6
...	18·616	+57·284	− 3	...	...
*	18·755	−15·846	1·30	43.3592	10·0
...	19·150	−37·342	0·95	43.3593	10·4
*	19·470	−33·310	1·05	43.3594	10·2
...	+19·518	+ 2·442	0·65	42.3603	10·5
...	19·594	+56·768	− 1	41.3585	10·5
†	19·637	+49·950	0·85	42.3602	10·5
S ‡	19·792	−51·591	2·93	43.3595	8·0
†	19·793	+26·947	0·90	42.3604	10·5

601–660

Notes.	Co-ordinates. x.	y.	Diam. s.	C.P.D. No.	Mag.
601				° ′	
...	+20·248	+11·447	− 5	m	..
*	20·288	−29·624	2·60	43.3596	8·7
...	20·366	+50·951	0·80	42.3605	10·5
...	20·375	−55·768	0·90	43.3597	10·6
...	20·381	+59·763	− 4	...	...
†	+20·506	−44·757	0·80	43.3598	10·6
...	20·537	−54·970	− 2	c	...
...	20·654	−23·551	− 3	h	..
...	20·796	−25·896	0·80	..	...
...	20·829	+35·440	− 5	...	..
611					
*	+20·977	+21·921	2·00	42.3606	9·0
..	21·329	+20·175	− 5	...	...
...	21·391	− 1·484	− 4	m	..
...	21·532	−35·068	− 4	m	...
...	21·609	+37·771	− 5	m	...
...	+21·642	−55·725	0·80	43.3599	10·6
...	21·701	+ 7·049	− 5	m	...
...	21·793	+27·953	− 5	m	...
...	21·957	+15·843	0·95	...	...
*	22·091	+45·750	1·00	42.3607	10·4
621					
...	+22·176	−30·902	− 5	m	...
*	22·226	+20·445	2·60	42.3608	8·6
...	22·257	−39·100	− 5	m	...
*	22·413	−49·966	1·80	43.3600	9·4
...	22·629	− 3·804	0·90	42.3610	10·4
S *	+22·685	+35·743	2·95	42.3609	8·1
...	22·893	+27·257	0·85	42.3611	10·4
...	23·007	− 4·255	− 5	m	...
...	23·023	−25·560	0·85	43.3601	10·6
...	23·028	−41·103	− 4	m	...
631					
*	+23·053	− 5·873	1·80	42.3612	9·6
...	23·136	−36·392	− 4	m	...
...	23·183	+ 6·317	0·90	42.3613	10·4
*	23·276	+ 6·873	1·10	42.3614	9·9
*	23·382	−24·263	1·85	43.3602	9·4
...	+23·447	+14·637	− 5	m	...
...	23·508	+13·122	− 5	m	...
...	23·773	+26·971	− 5	...	...
...	23·782	− 0·354	− 5	m	...
...	24·086	− 9·606	0·65	...	...
641					
...	+24·210	−41·433	− 4	m	...
...	24·410	−51·248	− 2	b	...
...	24·463	+57·272	− 3	...	...
...	24·479	+41·005	− 5	...	...
*	24·491	+50·687	1·30	42.3615	9·8
†	+24·941	−39·338	− 3	b	...
...	25·045	−35·145	− 4	m	...
...	25·212	−23·196	− 2	h	...
...	25·579	+38·700	− 5	...	...
...	25·700	+31·566	− 4	...	..
651					
*	+25·735	+39·365	1·00	42.3616	10·2
...	25·771	+59·394	0·90	41.3597	10·4
...	25·806	+ 9·023	− 5	m	...
...	25·817	+54·655	− 5	...	...
...	25·908	−36·351	− 5	m	...
...	+25·979	−30·432	− 5	m	...
...	26·125	+ 4·172	− 1	...	...
...	26·309	+54·548	− 4	...	...
...	26·406	+45·521	0·85	42.3617	10·5
...	26·737	−23·469	− 5	m	...

661–720

Notes.	Co-ordinates. x	y	Diam. s.	C.P.D. No.	Mag.
661				° ′	
...	+26·762	−35·619	− 5	m	...
...	27·040	+28·923	− 5	m	...
...	27·133	+16·358	− 5	m	...
...	27·228	+ 0·934	− 2	...	..
...	27·265	+35·787	− 2	..	...
...	+27·480	+39·452	− 4	...	...
...	27·578	+23·502	− 4	.	...
.	27·595	+29·735	− 3	...	...
...	27·712	+ 1·436	− 4	m	...
...	27·720	−22·229	− 2	h	...
671					
*	+27·787	+35·953	2·90	42.3618	7·9
...	27·970	+38·182	− 4	...	...
...	28·158	−35·281	− 5	m	...
*	28·325	+49·453	1·00	42.3619	10·4
*	28·958	+45·676	1·00	42.3620	10·5
...	+29·053	+32·598	− 5	m	...
...	29·084	− 3·651	− 5	m	...
...	29·212	−23·647	0·65	h	...
...	29·401	−56·718	− 5	m	...
*	29·536	−44·452	1·20	43.3603	10·2
681					
..	+29·674	−37·466	− 5	m	...
‡	29·776	+23·217	1·00	42.3621	10·2
†	29·886	+51·886	− 4	...	...
†	29·898	−17·414	− 5	m	...
†	29·912	−30·410	− 4	m	...
...	+30·464	+48·724	− 5	m	...
..	30·594	−16·328	− 4	m	...
...	30·980	+ 6·224	− 5	...	...
...	31·037	−52·008	− 1	43.3604	10·6
...	31·554	+45·378	− 5	...	...
691					
*	+31·825	−39·591	1·50	43.3605	9·7
*	32·056	− 5·340	1·00	42.3623	10·2
...	32·148	+25·202	0·80	42.3622	10·4
...	32·383	−31·507	− 2	...	...
†	32·661	−19·848	− 5	m	...
...	+32·863	+ 9·413	− 4	...	...
*	32·943	−21·039	1·50	43.3606	9·4
...	33·063	−32·106	− 5	m	...
*	33·126	−57·838	1·00	43.3607	10·1
...	33·199	−32·850	− 2	...	...
701					
...	+33·354	−43·503	− 5	m	...
...	33·459	+59·805	− 4	...	..
*	33·475	− 3·919	1·05	42.3628	10·0
*	33·578	+31·999	1·05	42.3625	9·8
*	33·639	+10·716	1·60	42.3627	9·2
...	+33·695	+50·436	− 2	42.3624	10·5
†	33·755	−19·892	− 3	...	...
...	33·880	+50·250	0·80	42.3626	10·2
...	34·239	+43·250	0·70	...	...
...	34·299	−38·948	− 4	m	...
711					
...	+34·472	−36·877	− 5	m	...
*	34·609	+ 4·663	1·20	42.3629	9·9
...	34·664	+46·372	− 5	...	...
...	34·686	+31·756	− 5	...	...
...	34·726	−21·658	0·70	43.3608	10·5
†	+34·771	+39·882	− 3	...	...
†	34·796	− 6·689	− 3	43.3609	10·6
‡	34·917	−45·889	1·45	43.3611	9·6
...	34·956	+31·504	− 5	...	...
...	35·071	+24·841	− 4	...	...

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
721–780					
721					
..	+35·096	−24·417	− 5		...
*	35·351	+56·283	1·40	41.3616	9·9
...	35·425	−45·112	− 2	43.3612	10·6
..	35·457	+12·817	− 4		...
...	35·579	− 8·639	− 2	...	...
...	35·628	+46·908	0·80	42.3630	10·2
...	35·675	+56·198	− 2	41.3618	10·4
..	36·069	−20·312	− 5		...
*	36·233	−28·675	1·25	43.3613	9·6
*	36·556	−39·024	1·00	43.3614	10·4
731					
...	+36·571	− 1·485	− 1	*b*	...
..	36·647	+ 8·993	− 5		...
*	36·889	+34·482	1·05	42.3631	10·0
..	37·135	+51·564	− 3	...	...
.	37·135	−28·043	1·40	43.3615	9·8
...	+37·502	−28·900	0·90	43.3616	10·2
.	37·576	+55·360	− 5	...	...
..	38·107	−41·837	− 1	43.3617	10·6
.	38·224	−57·455	0·85	43.3618	10·4
...	38·564	+28·879	− 1	42.3632	10·5
741					
*	+38·589	− 1·384	1·55	42.3633	9·4
..	38·617	− 3·564	0·70	42.3634	10·5
...	38·749	−55·390	− 5		...
...	38·836	−28·524	0·70	43.3619	10·5
...	39·140	−49·426	0·65	43.3620	10·6
...	+39·221	+ 7·510	0·70	42.3636	10·4
...	39·229	+25·169	0·65	42.3635	10·4
...	39·583	−53·764	− 4	...	...
!	39·760	−41·428	0·90	43.3621	10·0
...	39·975	+32·125	0·90	42.3637	10·2
751					
...	+40·083	+49·700	− 3	...	...
*	40·276	−40·697	3·00	43.3622	7·8
*	40·374	+16·443	2·10	42.3638	9·3
.	40·893	+38·363	0·85	42.3639	10·4
...	41·086	−40·586	− 5	...	...
..	+41·206	+29·120	− 4	...	...
.	41·297	−43·869	− 1	...	...
...	41·733	+30·177	− 2	...	...
...	41·997	− 1·204	− 5	...	...
.	42·000	+57·118	− 3	...	...
761					
.	+42·071	−21·432	− 4	...	...
...	42·205	− 2·888	− 3	*b*	...
*	42·315	+18·770	1·10	42.3640	9·8
...	42·429	−53·379	− 4	...	...
...	42·517	−11·120	− 5	...	...
.	42·578	−51·677	0·85	43.3624	10·4
.	42·646	−40·244	0·85	43.3623	10·2
..	42·780	+ 2·561	− 1	...	...
.	43·183	+16·874	0·80	42.3641	10·4
.	43·255	−37·610	− 5	...	...
771					
...	+44·607	+28·039	− 4	...	...
..	44·648	− 6·923	− 5	...	...
...	45·057	−40·016	0·90	43.3625	10·6
b	45·217	−37·243	− 2	43.3626	10·6
..	45·238	−37·275	− 1		
.	+45·360	+32·278	0·75	42.3643	10·5
...	45·682	+ 6·606	0·80	42.3644	10·5
*	45·773	+15·353	1·20	42.3642	10·0
...	45·784	+39·176	− 3	...	...
...	45·830	−34·949	− 5	...	...
781–840					
781					
..	+45·848	−36·266	− 3	*b*	...
†	45·899	+ 5·086	1·00	42.3645	10·5
...	46·019	+47·383	− 5	...	...
...	46·180	+ 8·475	− 5	...	...
...	46·365	+20·819	0·65	...	...
...	+46·518	+ 6·548	− 4	...	...
...	46·557	−46·510	− 5	*m*	...
...	46·709	+39·417	− 4	...	...
*	46·858	+48·090	1·25	42.3646	9·8
...	46·873	−36·675	− 5	*m*	...
791					
...	+46·971	−34·142	− 3	*b*	..
...	47·040	+24·131	− 2	...	...
...	47·239	+38·931	0·75	42.3647	10·5
*	47·399	+25·963	1·00	42.3648	10·2
...	47·464	−25·488	0·95	43.3627	10·4
...	+47·514	−45·860	− 2	*a*	...
...	47·729	+53·947	− 5	...	...
*	47·730	+21·540	1·80	42.3649	9·4
...	48·021	−13·716	− 2	*b*	...
...	48·093	+ 5·673	− 5	..	...
801					
...	+48·438	+56·972	− 3	..	...
*	48·461	+50·921	1·00	42.3650	10·0
...	49·050	+47·398	− 5	...	...
*	49·057	−14·612	1·00	43.3628	10·2
...	49·193	−34·372	− 5	*m*	...
*	+49·200	−45·140	1·15	43.3630	10·1
*	49·259	+ 4·781	1·00	42.3651	10·4
...	49·349	+39·391	− 4	...	...
...	49·501	+45·793	− 4	...	...
...	49·509	−56·542	− 5	*m*	...
811					
...	+49·525	−32·656	− 5	*m*	...
*	49·554	−26·952	1·40	43.3629	9·8
...	49·572	+55·598	− 5	...	...
!	49·796	+22·192	1·15	42.3653	9·9
!	49·849	+31·250	1·30	42.3652	9·8
!	+49·877	−25·573	− 5	*m*	...
...	49·936	− 8·632	− 2	*e*	...
...	49·970	+21·664	− 3	...	...
...	49·994	−24·363	− 5	*m*	..
...	50·142	+17·835	0·70	42.3654	10·5
821					
...	+50·168	+32·865	− 3	*a*	...
...	50·236	+45·487	− 4	...	...
...	50·520	−49·291	− 5	*m*	...
*	50·608	−26·547	1·10	43.3632	10·0
...	50·816	+25·265	− 4	...	..
S *	+50·852	−10·722	2·93	43.3631	8·3
...	50·921	−55·593	− 2	43.3633	10·6
...	51·078	+37·876	− 2	...	...
*	51·203	−43·580	1·10	43.3635	10·2
...	51·391	−28·738	− 4	*m*	...
831					
†	+51·397	+20·095	− 5	*m*	...
...	51·771	−21·920	− 2	*e*	...
S *	51·774	−29·200	2·10	43.3636	8·9
...	51·775	−10·150	− 2	*e*	...
†	51·935	−24·840	− 5	*m*	...
*	+52·400	+35·901	1·10	42.3655	10·0
*	52·538	+ 6·803	1·80	42.3656	9·4
...	52·716	−46·008	− 1	43.3637	10·6
..	52·905	+22·552	− 5	...	..
...	53·064	−31·559	− 1	...	...
841–885					
841					
...	+53·069	−33·284	0·95	43.3638	10·5
S *	53·084	+38·330	2·15	42.3657	9·2
*	53·523	+53·926	1·30	41.3652	9·9
†	53·576	+ 5·000	− 5	...	...
...	53·700	−30·113	− 4	*m*	...
...	+53·745	+18·333	− 4	...	...
*	53·949	− 8·162	1·00	43.3640	10·6
*	54·288	+24·298	1·20	42.3658	9·9
...	54·372	+58·377	− 1	41.3655	10·4
...	54·452	+25·990	− 5	...	...
851					
...	+54·491	−23·629	− 5	*m*	...
*	54·551	−12·622	1·05	43.3641	10·2
...	54·702	−19·742	0·65	43.3642	10·6
†	54·749	−11·262	− 2	...	...
...	55·219	−53·225	− 1	...	...
...	+55·361	+28·821	− 5	...	...
...	55·496	+59·357	0·75	41.3658	10·0
...	55·496	+55·053	− 5	...	...
...	55·554	−30·145	− 3	*e*	...
*	55·589	−15·945	1·00	43.3643	10·4
861					
...	+55·981	+ 9·666	− 4	...	...
...	56·034	−18·146	− 5	*m*	...
...	56·204	+51·918	0·80	42.3659	10·4
*	56·252	−31·310	1·05	43.3644	10·4
...	56·435	− 2·755	− 4	*e*	...
...	+56·691	+55·448	− 4	41.3659	10·5
...	56·795	+24·259	− 1	...	...
...	56·903	−17·558	− 2	...	..
...	56·978	+ 2·666	− 5	*m*	..
...	57·236	−18·980	− 5	*m*	..
871					
...	+57·468	−30·776	− 2	*e*	...
...	57·581	−50·948	− 1	43.3647	10·6
...	57·847	− 7·764	− 5	*m*	...
...	58·010	+ 6·423	− 5	*m*	..
*	58·184	+17·236	1·75	42.3660	9·6
...	+58·199	−27·927	0·95	43.3648	10·4
...	58·288	+24·781	− 5	...	...
...	58·577	+33·954	− 5	...	...
...	58·702	−44·075	− 5	*m*	...
*	58·848	+ 5·684	1·00	42.3662	10·2
881					
...	+59·063	+25·099	− 5	*a*	...
...	59·228	− 5·818	− 3	*e*	...
*	59·366	+ 2·345	2·05	42.3663	9·3
..	59·501	+48·578	− 3	42.3661	10·5
...	59·531	+52·419	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 4.	C.P.D. No.	C.P.D. Mag.
1–60					
1					
...	−60·233	−14·777	0·75	43·3628	10·2
...	60·124	+17·678	− 4	42.3654	10·5
...	59·779	+37·734	− 5	...	...
...	59·548	− 8·776	− 5	E	...
*	59·381	−27·098	1·30	43·3629	9·8
...	−59·180	−45·301	0·80	43·3630	10·1
S *	58·562	−10·840	2·80	43·3631	8·3
...	58·422	+35·822	0·75	42.3655	10·0
*	58·335	−26·674	1·20	43·3632	10·0
...	57·824	+53·881	0·85	41.3652	9·9
11					
S *	−57·796	+38·273	2·05	42.3657	9·2
†	57·663	−10·259	− 5	E	...
*	57·395	+ 6·744	1·30	42.3656	9·4
...	57·312	−22·003	− 5	E	...
...	57·228	−43·678	0·80	43.3635	10·2
...	−57·145	−55·712	− 5	43.3633	10·6
...	57·101	+58·338	− 5	41.3655	10·4
S *	57·071	−29·274	1·90	43·3636	8·9
...	56·165	+24·280	0·95	42.3658	9·9
...	56·008	+59·370	− 5	41.3658	10·0
21					
...	−55·724	−31·600	− 5	...	...
...	55·671	−33·325	− 2	43.3638	10·5
...	55·634	−46·066	− 5	43.3637	10·6
...	55·544	− 8·179	0·70	43·3640	10·6
...	55·094	+51·945	− 4	42.3659	10·4
*	−54·800	−12·624	1·05	43.3641	10·2
...	54·645	−11·264	− 4	...	...
...	54·456	−19·736	− 3	43.3642	10·6
*	53·675	−15·922	1·00	43·3643	10·4
...	53·658	+24·298	− 4	...	...
31					
†	−53·286	−30·113	− 5	E	...
...	53·222	− 2·705	− 5	E	...
...	52·935	−53·191	− 5	...	...
...	52·543	−31·265	0·80	43.3644	10·4
...	52·309	−17·494	− 4	...	...
*	−52·070	+17·332	1·30	42.3660	9·6
...	51·674	+48·689	− 5	42.3661	10·5
...	51·537	+59·228	− 5	41.3667	10·4
...	51·354	−30·692	− 4	E	...
*	51·058	+ 5·809	1·05	42.3662	10·2
41					
...	−50·692	−27·806	− 1	43.3648	10·4
...	50·620	−50·842	− 4	43.3647	10·6
S ½	50·442	+ 2·484	1·65	42.3663	9·3
...	50·328	− 5·692	− 5	E	...
...	49·947	+55·491	− 1	41.3670	10·0
...	−49·698	+38·459	− 4	42.3664	10·5
*	49·379	−16·439	1·00	43.3649	10·5
...	49·173	+43·755	0·80	42.3665	10·2
...	49·135	+29·078	− 5	...	...
...	49·070	−14·643	− 3	...	...
51					
...	−48·701	+20·722	0·85	42.3666	10·4
...	48·426	−18·256	− 3	B	...
...	48·332	+36·098	− 4	42.3667	10·5
...	48·316	+58·303	− 5	41.3672	10·5
*	48·303	−37·367	1·20	43.3650	9·8
...	−48·071	−11·758	− 5	B	...
*	47·849	−48·923	1·60	43.3651	9·4
*	47·709	−27·490	2·60	43.3654	8·0
*	47·660	−44·789	1·20	43.3652	10·0
...	47·548	−53·997	− 5	...	...
61–120					
61					
...	−47·516	+ 0·984	0·65	42.3668	10·5
...	47·502	+47·176	− 5	42.3669	10·5
*	47·432	−36·684	1·35	43.3655	9·7
...	47·328	−53·474	− 4	43.3653	10·6
...	47·272	−30·264	− 4	...	...
*	−46·875	−24·132	1·50	43.3656	9·6
...	46·868	+29·161	− 3	42.3670	10·4
*	46·346	−57·465	1·20	43.3657	10·0
*	45·773	−38·110	1·20	43.3658	10·0
†	45·533	+24·535	1·50	42.3672	9·4
71					
†	−45·466	+ 9·795	1·60	42.3671	8·8
†	45·432	+20·448	− 4	...	...
...	45·407	+29·148	− 4	...	...
...	45·119	+45·832	0·90	42.3673	9·8
...	44·993	+32·083	− 3	...	...
*	−44·976	−44·966	1·40	43.3659	9·8
*	44·889	+39·532	1·10	42.3674	9·9
...	44·828	−34·404	− 5	B	...
...	44·818	− 2·614	− 5	M	...
...	44·734	−17·697	− 3	43.3660	10·6
81					
...	−44·357	−49·517	− 4	B	...
...	44·306	+38·792	− 5	...	...
...	44·113	+35·111	0·80	42.3675	10·2
...	44·008	−49·485	− 4	...	...
*	43·049	−33·422	1·20	43.3661	9·8
...	−42·989	−33·664	− 5	B	...
...	42·804	+48·760	0·80	42.3678	10·0
...	42·573	+33·119	− 4	42.3679	10·4
...	42·474	−28·686	− 4	B	...
...	42·472	− 2·180	0·85	42.3676	10·4
91					
*	−42·442	+19·900	1·00	42.3680	10·2
*	42·381	− 4·728	1·40	42.3677	9·8
...	40·880	+19·668	− 5	...	...
†	40·494	− 2·284	0·70	42.3681	10·5
S *	40·391	+55·059	2·00	41.3686	9·2
...	−40·347	−42·843	− 5	B	...
...	39·971	+46·801	− 5	...	...
...	39·634	−39·094	− 5	B	...
*	39·530	−32·978	3·00	43.3664	7·9
*	39·496	−36·419	1·10	43.3665	10·0
101					
...	−39·486	+18·331	− 3	...	...
*	39·471	−13·447	1·90	43.3666	8·6
...	39·161	−48·203	0·65	43.3667	10·6
...	38·974	− 1·927	− 4	B	...
...	38·676	+16·176	− 5	...	...
...	−38·636	−47·603	− 5	B	...
*	38·029	−11·777	1·20	43.3668	9·7
...	37·972	−54·625	− 3	...	...
*	37·370	−15·798	1·00	43.3669	10·4
*	37·057	+36·506	1·90	42.3682	9·2
111					
*	−36·798	−14·600	1·00	43.3670	10·2
...	36·406	+ 0·986	− 5	A	...
...	36·303	−30·684	− 2	43.3671	10·6
*	36·170	−18·485	1·00	43.3672	10·4
...	36·056	+25·272	− 5	...	...
...	−35·861	+24·274	− 3	42.3683	10·4
*	35·852	−40·896	1·25	43.3673	9·6
...	35·628	− 3·202	0·65	42.3684	10·5
...	35·586	−47·196	− 5	E	...
...	35·172	+32·778	0·90	42.3685	10·4
121–180					
121					
...	−34·963	−30·274	− 5	D	...
...	34·685	− 5·438	− 4	B	...
†	34·220	−20·192	− 4	B	...
...	34·133	−34·883	− 2	43.3674	10·6
*	33·892	+ 8·577	1·00	42.3686	10·5
...	−33·679	+ 2·056	− 3	...	...
..	33·640	−50·663	− 4	B	...
..	33·486	−34·006	− 1	43.3675	10·6
*	33·042	+48·243	1·00	42.3687	10·2
...	32·991	+21·867	− 5	...	...
131					
...	−31·918	− 5·993	− 5	M	...
...	31·910	+ 3·488	0·85	42.3688	10·4
...	31·466	+ 4·987	− 5	...	...
...	31·322	− 9·876	− 3	...	...
*	30·990	+22·740	1·00	42.3689	10·2
...	−30·705	+22·037	− 4	...	...
*	30·666	−47·400	1·15	43.3676	10·0
†	30·570	+24·430	− 4	42.3690	10·4
*	30·367	−33·311	1·15	43.3677	8·6
*	30·308	−33·153	1·25		
141					
†	−29·795	+49·721	− 3	42.3692	10·5
...	29·597	+11·694	0·80	42.3691	10·4
..	29·341	+21·334	− 5	...	...
...	29·319	+29·550	− 5	...	...
*	29·251	+45·940	1·70	42.3693	9·4
...	−29·150	+ 4·367	− 4	...	...
...	28·927	−33·233	− 5	B	...
...	28·661	−52·993	− 5	...	...
*	28·551	−51·538	1·60	43.3678	9·3
*	28·492	+21·702	1·15	42.3695	9·8
151					
*	−28·446	+ 7·372	1·05	42.3694	10·0
...	28·292	+57·773	0·90	41.3701	10·0
*	27·941	+19·901	1·30	42.3696	9·4
...	27·585	+ 7·952	− 5	...	...
...	27·436	−54·010	− 4	...	...
*	−27·310	−45·210	1·00	43.3680	10·2
...	27·067	− 3·427	− 3	D	...
...	25·950	−44·427	0·70	43.3681	10·6
†	25·627	+ 5·219	− 1	42.3697	10·5
...	25·424	+17·355	− 4	...	...
161					
...	−25·159	−49·585	− 2	43.3683	10·6
*	25·154	+28·712	1·15	42.3698	10·0
...	25·126	+52·102	− 5	42.3699	10·5
...	24·855	+58·160	− 5	...	...
...	24·730	−25·889	− 3	B	...
...	−24·673	−48·065	0·90	43.3684	10·2
...	24·237	− 8·243	− 5	M	...
...	24·136	+25·594	− 5	...	...
...	24·098	− 2·237	− 4	B	...
*	24·024	+ 2·958	1·05	42.3700	10·2
171					
*	−23·928	+34·370	1·15	42.3701	9·9
...	23·806	+47·752	0·85	42.3703	10·0
...	23·787	+20·054	− 5	...	...
*	23·727	+18·225	1·80	42.3702	9·2
*	23·368	+21·814	2·80	42.3704	8·5
*	−23·207	+24·967	1·05	42.3705	10·2
...	23·151	−33·891	0·80	43.3685	10·6
*	23·133	− 8·593	1·80	43.3687	9·0
‡	23·065	−39·998	1·30	43.3686	9·7
...	22·930	−22·227	− 3	B	...

SB measured from 1, 94, 242, 422, 579.
E ,, ,, 43, 160, 344, 496.

C.P.D. 41 .3659, too faint.

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. 4.	C.P.D. No.	C.P.D. Mag.
181 240					
181					
n *	−22·552	−48·705	1·05	43·3688	7·8
	22·696	+32·523	− 2	42.3706	10·5
S n *	22·677	−48·419	2·9	43.3688	7·8
..	22·678	−52·037	0·90	43.3689	10·2
...	22·126	+15·876	− 1		...
...	−21·913	+20·556	− 3	...	.
	21·538	+28·654	− 5	...	...
...	21·33[illegible]	+53·919	− 2	41.3712	10·4
*	20·759	−53·299	1·50	43·3690	9·4
†	20·668	+26·161	− 5	...	...
191					
†	−20·502	+ 3·586	− 4	...	...
...	20·249	− 2·860	0·80	42.3707	10·5
...	20·040	−27·822	0·85	43.3691	10·6
...	19·834	+52·133	− 4	42.3708	10·5
...	19·702	−24·934	0·75	43.3692	10·6
...	−19·435	+48·049	− 5	...	...
. .	19·297	−35·650	− 5	M	...
*	18·961	−49·864	1·40	43.3693	10·0
...	18·772	−28·799	− 5	M	...
...	18·733	+34·965	− 5	...	...
201					
...	−18·574	+ 2·674	0·70	42.3709	10·5
*	18·552	−46·925	1·40	43.3694	10·0
...	18·515	−59·608	− 5	B	...
*	18·440	−41·877	1·50	43.3696	9·6
...	18·369	−56·996	0·85	43.3695	10·4
..	−18·263	+38·217	− 5	...	...
*	17·608	−24·638	1·30	43.3697	10·6
...	17·388	+20·133	− 2	...	...
...	16·991	−19·407	− 5	M	...
*	16·936	+44·417	1·35	42.3710	9·9
211					
...	−16·691	+ 3·948	− 5	B	...
.	16·649	−18·203	0·85	43.3698	10·6
...	16·222	+53·976	0·85	41.3725	10·0
...	15·366	−35·757	0·75	43.3700	10·6
*	15·332	+57·506	1·00	41.3727	10·2
*	−15·245	+11·705	1·70	42.3711	9·3
...	15·176	−58·707	− 5	B	...
...	15·081	+ 4·368	0·75	42.3712	10·4
...	14·676	−37·318	− 3	...	...
*	14·650	−32·208	1·05	43.3721	10·0
221					
	−14·601	−37·691	0·80	43.3702	10·6
.	14·430	−19·935	− 5	M	...
...	14·365	−46·273	− 5	B	...
..	14·[illegible]	+[illegible]	− 5		...
*	13·976	−37·734	1·20	43.3703	10·1
*	−13·[illegible]	−20·879	1·40	43.3704	9·8
*	13·[illegible]	−14·341	1·10	43.3705	10·0
*	13·466	+14·708	1·00	42.3713	10·0
	13·323	− 3·736	− 5	M	...
*	13·[illegible]	+14·803	0·85	42.3714	10·0
231					
	−12·587	−31·[illegible]	− 5	M	...
	12·219	− 1·614	0·65	42.3715	10·5
*	12·023	+51·401	3·70	42.3716	7·7
	11·880	+25·02[illegible]	− 1	42.3717	10·5
	11·729	+51·540	− 5	..	..
	−11·629	+24·132	− 1	42.3718	10·5
*	11·[illegible]	−12·138	2·00	43.37[illegible]	8·3
...	11·566	+21·172	− 5	..	..
...	11·[illegible]	+ 8·447	− 5	M	..
*	11·[illegible]	−23·515	1·40	43.37[illegible]	9·8

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. 4.	C.P.D. No.	C.P.D. Mag.
241 300					
241					
..	−10·968	−55·513	− 5	B	...
†	10·541	+16·620	− 2	42.3719	10·5
...	10·436	− 1·349	− 3	B	...
...	10·427	+35·846	− 3	...	...
*	10·425	−44·183	1·00	43.3708	10·4
...	−10·377	+ 1·639	− 4	A	...
...	10·334	+22·366	− 5	...	...
...	10·297	+ 2·128	− 5	B	...
...	9·876	−15·698	− 4	B	...
...	9·831	− 8·710	− 5	M	...
251					
...	− 9·808	− 4·112	− 2	42.3720	10·5
...	9·804	+ 2·624	− 4	...	...
...	9·682	+12·334	− 5	...	...
...	9·528	− 7·306	− 4	B	...
*	9·486	+ 2·063	1·00	42.3721	10·4
...	− 9·314	−46·434	− 5	M	...
...	9·240	−24·139	− 4	D	...
...	9·160	+31·205	− 5	...	...
...	9·069	+10·471	− 5	M	...
...	8·949	−57·852	− 2	...	...
261					
...	− 8·446	+ 4·652	− 5	M	...
...	8·366	+ 0·055	− 5	M	...
...	8·322	− 4·438	− 5	M	...
S *	8·260	+19·494	1·70	42.3722	8·8
*	7·862	−46·215	1·10	43.3710	10·0
...	− 7·860	−29·271	− 5	M	...
...	7·782	+16·305	1·00	42.3723	10·0
*	7·752	+37·258	1·15	42.3724	10·0
...	7·745	−18·406	− 3	B	...
■	7·691	−53·483	1·05	43.3711	10·1
271					
...	− 7·388	−18·134	− 4	B	...
...	7·191	+47·537	− 5	...	...
*	7·064	−48·955	1·20	43.3712	9·4
...	6·910	+ 3·884	− 4	...	...
*	6·587	+29·103	1·00	42.3725	10·2
...	− 6·396	− 0·984	− 3	B	...
*	6·286	−28·194	1·00	43.3713	10·1
..	6·266	+45·367	− 5	...	...
*	6·235	− 5·270	1·15	42.3726	9·9
†	6·105	−35·040	− 4	...	...
281					
...	− 6·080	− 1·750	− 3	B	...
..	5·762	+21·756	− 3	..	...
...	5·725	+10·768	− 5	...	...
*	5·437	+ 7·563	1·30	42.3727	9·4
*	5·360	+32·5[illegible]	1·40	42.3728	9·3
*	− 5·312	+21·248	1·90	42.3729	9·0
. .	5·258	−15·336	− 4	M n	...
...	5·219	+ 3·701	− 4	A	..
..	4·889	−54·480	0·75	43.3714	10·4
.	4·762	−22·248	0·65	43.3715	10·6
291					
	− 4·253	+ 6·748	− 5	M	...
	4·200	+39·55[illegible]	− 5	...	..
*	4·148	+42·285	1·05	42.3730	9·9
.	4·105	−23·974	− 5	M m	...
..	3·696	−55·346	− 4	...	...
	− 3·475	−50·065	0·90	43.3716	10·2
.	3·186	−55·329	− 4	M	...
..	3·010	+54·[illegible]3	− 5	...	...
*	2·772	−47·113	1·35	43.3717	9·2
...	2·758	− 7·827	− 2	M	...

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. 4.	C.P.D. No.	C.P.D. Mag.
301 360					
301					
*	− 2·545	−14·316	1·10	43.3718	10·0
...	2·469	+34·951	− 5	M m	...
...	2·284	−54·181	− 2	...	...
...	1·938	−34·645	− 2	M	...
*	1·833	+26·879	0·90	42.3731	10·2
...	− 1·364	− 3·784	− 5	M m	...
...	0·810	+16·682	− 1	...	...
†	0·623	−13·062	0·80	43.3720	10·4
...	0·444	−17·402	− 3	M	...
...	0·321	+10·075	− 5	M m	...
311					
n *	− 0·293	−12 801	1·00	43.3721	9·6
*	0·099	+13·238	0·90	42.3732	10·2
n *	− 0·034	−12·811	1·15	43.3721	9·6
. .	+ 0·074	+23·875	− 3	42.3733	10·5
...	0·139	−13·369	0·75	43.3723	10·5
S *	+ 0·174	−22·205	2·38	43.3722	8·1
...	0·197	−31·955	− 3	M	...
...	0·205	−11·745	− 5	M m	...
†	0·710	+29·823	0·65	42.3734	10·4
...	0·770	+ 8·326	− 4	B m	...
321					
...	+ 0·886	+42·058	0·90	42.3735	10·2
*	1·077	−16·793	1·20	43.3724	9·4
...	1·105	+ 1·638	− 5	M m	...
...	1·109	+49·094	0·65	42.3736	10·4
*	1·124	+47·212	1·00	42.3737	10·4
...	+ 1·352	+35·854	0·90	42.3738	10·2
S *	1·368	+37·715	2·20	42.3739	8·8
*	1·539	+28·727	1·15	42.3740	9·9
...	1·708	−43·767	− 5	M m	...
...	1·722	+10·056	− 5	M m	...
331					
...	+ 2·013	−31·797	− 4	M	...
...	2·159	− 8·571	− 2	M	...
...	2·222	+20·735	0·75	42.3741	10·5
...	2·229	+25·620	− 5	m	...
*	2·604	−16·123	1·40	43.3725	9·0
...	+ 2·896	−27·099	− 4	M	...
...	3·124	+ 3·65[illegible]	− 5	M m	...
...	3·331	+25·251	− 3	...	...
...	3·346	−29·459	− 5	M m	...
...	3·653	−40·434	− 4	M	...
341					
...	+ 3·987	+22·312	− 3	42.3742	10·5
...	4·085	−23·599	0·70	43.3726	10·6
*	4·300	−50·473	1·20	43.3727	9·6
...	4·634	+54·581	− 5	...	...
*	4·824	+25·720	1·80	42.3743	9·5
...	+ 5·875	+47·973	0·70	42.3744	10·5
‡	5·904	+14·863	3·15	42.3745	7·4
...	5·933	−43·483	− 5	m	...
*	5·941	− 8·676	1·70	43.3728	9·1
..	5·949	−25·657	− 4	..	...
351					
..	+ 6·143	−45·266	− 5	..	...
...	6·189	−19·856	− 5	m	...
*	6·482	−39·817	1·05	43.3730	10·4
*	6·582	+24·916	1·70	42.3746	9·0
*	6·687	−28·801	1·05	43.3732	10·5
*	+ 6·736	−11·335	1·50	43.3731	9·4
...	7·356	−16·386	− 5	m	..
...	7·391	−28·840	0·65	43.3733	10·6
*	7·621	+ 8·868	1·30	42.3747	9·8
...	7·637	+19·993	− 3	...	...

181, 183. C.P.D., probably mass.

311, 313. C.P.D., probably mass.

361-420

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
361					
...	+ 7'672	−34'403	− 5	...	...
*	7·904	−20·457	1·10	43.3735	10·2
*	8·016	+ 6·970	1·05	42.3748	10·0
...	8·076	−39·465	− 4	...	...
*	8·334	−25·620	1·80	43.3736	9·4
...	+ 8·419	+ 7·209	− 3	...	...
...	8·433	−46·970	− 5	...	...
*	8·526	+32·000	1·30	42.3750	9·9
...	8·581	+44·526	− 3	42.3749	10·4
...	8·693	−31·089	− 5	〃	...
371					
...	+ 8·743	−46·979	− 5	...	...
...	8·838	−40·532	− 1	43.3737	10·6
...	8·846	+32·039	− 5	...	...
...	8·964	−33·453	− 5	...	...
...	9·502	−38·531	− 5	...	...
...	+ 9·782	−43·451	− 5	...	...
...	10·080	−53·064	0·80	43.3738	10·6
*	10·118	+20·396	1·10	42.3751	9·9
...	10·385	+15·613	− 2	42.3752	10·5
‡	10·807	+54·755	1·50	41.3766	9·4
381					
*	+10·890	+27·626	1·20	42 3753	9·9
...	11·142	+35·454	− 5	...	...
*	11·289	−31·244	3·30	43.3739	7·6
*	11·474	+35·932	1·05	42.3754	10·2
*	11·769	−55·947	1·80	43.3741	9·1
S *	+11·825	+13·026	2·40	42.3755	7·8
...	13·008	−55·267	− 1	...	...
...	13·277	−21·647	0·65	...	...
...	13·484	+55·455	− 2	41.3774	10·4
*	13·783	+16·498	1·05	42.3756	10·0
391					
...	+13·954	−14·580	− 5	〃	...
...	13·967	+26·467	− 4	...	...
...	14·143	+40·068	− 5	...	...
*	15·003	−14·674	1·70	43.3742	9·3
...	15·230	−31·640	− 3	...	...
...	+15·273	−19·302	0·80	43.3744	10·5
...	15·421	+ 1·885	1·00	42.3757	10·0
...	15·468	−19·623	− 1	...	...
...	15·525	+38·045	0·70	42.3758	10·5
*	15·611	+13·806	1·50	42.3759	9·7
401					
*	+15·665	+25·271	1·40	42.3760	9·9
...	15·799	+38·116	0·75	42.3761	10·5
...	15·902	+39·580	− 2	42.3763	10·5
...	16·009	+27·052	0·75	42.3762	10·4
*	16·477	−17·763	1·40	43.3745	9·4
*	+16·790	−10·196	1·15	43.3746	9·6
*	16·880	+32·926	1·10	42.3764	10·0
...	17·396	−45·576	0·85	43.3747	10·6
...	17·651	+ 7·818	0·70	42.3765	10·5
*	17·684	−53·178	1·10	43.3748	10·4
411					
...	+17·949	−42·130	− 5	...	...
...	18·030	−31·976	− 3	...	...
...	18·045	+ 3·561	− 5	〃	...
*	18·123	− 1·137	1·15	42.3766	10·0
...	18·350	+37·123	− 3	...	...
...	+18·352	−27·739	0·70	43.3749	10·6
...	18·407	−12·009	0·80	43.3750	10·6
...	18·754	+42·879	0·90	42.3767	9·9
*	18·879	− 8·178	1·00	43.3751	10·5
...	18·968	+38·525	0·90	42.3768	10·0

421 480

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
421					
...	+19'252	−45'378	− 5	...	...
*	19·521	−38·634	1·15	43.3752	10·0
..	19·676	+16·770	− 5	a	...
...	19·724	− 3·582	− 5	〃	...
*	19·731	+45·273	1·10	42.3769	9·9
...	+20·330	− 8·699	− 5	m	...
+	20·340	−44·078	1·00	43.3753	10·4
...	20·531	+ 7·114	− 5	〃	...
...	20·836	−26·278	− 5	〃	...
...	20·854	+43·241	− 5	...	...
431					
...	+20·900	−16·893	− 5	〃	...
*	20·966	+24·935	1·30	42.3770	9·4
...	21·147	−58·247	− 5	...	...
...	21·155	−54·195	− 5	...	..
...	21·172	−47·859	− 4	...	...
...	+21·404	−49·181	− 5	...	...
...	21·427	+30·511	− 5	...	...
...	21·595	−13·581	− 3	...	...
*	21·800	−27·705	1·20	43.3754	9·6
...	21·935	−50·116	− 5	..	...
441					
...	+22·087	+47·116	− 5	...	...
*	23·668	− 0·309	1·25	42.3771	9·4
*	23·800	− 4·769	1·30	42.3772	9·4
*	24·014	−49·729	1·20	43.3755	9·6
...	24·099	−42·819	− 5	b	...
...	+24·423	+19·030	− 5	a	...
...	24·428	+ 0·340	− 5	〃	...
...	24·697	−16·747	− 4	...	...
...	24·777	+11·258	− 5	...	...
*	24·947	+25·147	1·00	42.3773	9·9
451					
*	+25·091	− 7·003	1·30	43.3756	9·4
...	25·134	−18·412	− 5	〃	...
...	25·136	+39·611	− 4	42.3774	10·5
*	25·218	−26·080	1·10	43.3757	9·8
*	25·365	−46·711	1·00	43.3758	10·2
...	+25·490	+ 0·474	− 3	...	...
...	25·616	−42·717	− 5	...	...
...	26·506	+22·100	− 1	42.3775	10·5
...	26·985	−13·494	− 5	〃	...
...	26·997	+47·098	0·90	42.3776	10·0
461					
...	+27·153	−42·216	− 1	43.3759	10·6
...	27·376	−13·292	− 3	...	...
...	27·520	−19·562	0·80	43.3760	10·6
*	27·673	− 9·700	1·05	43.3761	9·8
...	27·840	+ 3·731	− 2	...	...
...	+28·060	−24·962	− 1	43.3763	10·6
...	28·739	− 1·067	− 5	〃	...
*	28·798	+15·761	1·00	42.3777	10·0
...	29·035	− 2·254	− 4	b	.
‡	29·199	+26·930	1·10	42.3778	9·8
471					
...	+29·238	−39·329	− 5	a	...
...	29·554	−35·510	− 3	...	...
*	29·559	+54·602	1·10	41.3796	10·0
...	29·564	− 6·459	− 5	〃	...
S *	30·208	−51·331	2·00	43.3764	8·5
*	+30·449	+47·871	1·15	42.3779	9·5
...	30·630	−42·861	− 5	...	...
...	30·722	+12·173	1·15	42.3780	9·9
...	30·938	+15·618	− 5	...	...
...	30·939	+18·138	− 3	...	...

481-540

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
481					
...	+31'413	−48'164	− 3	43.3766	10·6
*	31·673	−15·260	1·10	43.3765	9·8
...	31·700	− 5·242	− 4	...	...
S *	31·873	+56·986	1·95	41.3801	9·0
...	32·125	− 9·194	− 3	43.3767	10·6
...	+32·263	−46·883	− 4	...	...
‡	32·491	−34·918	2·00	43.3768	8·7
...	32·630	− 3·112	− 4	a	...
...	32·740	+57·480	− 3	41.3804	10·2
...	32·790	−40·723	− 2	43.3769	10·5
491					
...	+33·294	+46·302	− 5	..	...
*	33·311	−43·306	1·00	43.3771	10·4
*	33·338	−25·197	1·15	43.3770	9·8
...	33·686	+28·685	0·80	42.3781	10·2
...	33·737	− 1·376	− 5	〃	...
...	+34·452	+55·032	− 5	41.3807	10·5
...	34·595	−14·855	− 4	...	...
...	34·633	+ 7·554	− 5	...	...
*	34·702	+31·779	1·40	42.3782	9·7
...	35·063	+ 6·877	− 3	...	...
501					
...	+35·156	−50·962	− 5	43.3772	10·6
*	35·195	+26·475	1·25	42.3783	9·9
...	35·549	−42·447	0·90	43.3773	10·2
...	35·653	+ 2·721	− 2	...	...
*	35·827	+40·370	1·60	42.3784	9·4
*	+35·980	+50·050	1·45	42.3785	9·7
...	36·043	+53·936	0·90	41.3810	10·2
.	36·105	+38·878	0·75	42.3786	10·2
...	36·419	−35·822	− 4	a	...
...	36·521	+21·842	− 4	...	...
511					
...	+36·911	+ 1·357	− 4	...	...
...	36·912	+38·618	0·90	42.3787	10·2
...	37·061	+22·115	− 5	...	...
...	37·407	−21·480	− 3	43.3774	10·5
...	37·550	−30·554	0·70	43.3775	10·6
*	+37·821	−31·967	1·70	43.3776	9·4
*	38·068	− 4·505	1·35	42.3789	9·9
*	38·168	+32·349	1·10	42.3788	10·0
*	38·393	−44·842	1·30	43.3778	9·7
...	38·401	−15·747	− 5	...	...
521					
S *	+38·456	−11·126	1·60	43.3777	8·9
...	38·752	− 7·174	− 2	...	...
†	39·110	+45·592	0·85	42.3790	10·0
‡	39·263	−58·142	1·50	43.3781	9·4
*	39·411	+31·214	1·70	42.3792	9·4
*	+39·418	− 9·524	1·60	43.3779	9·6
*	39·454	+35·271	1·20	42.3791	9·9
...	40·439	−53·265	0·65	43.3782	10·4
...	40·543	− 0·432	− 5	〃	...
...	40·689	−11·655	0·75	...	...
531					
...	+40·792	+ 2·117	0·65	42.3793	10·5
...	41·116	−48·880	− 4	...	...
...	41·267	−15·822	0·80	43.3783	10·4
‡	41·318	−44·940	1·50	43.3784	9·4
...	41·461	+51·087	− 5	...	...
...	+41·552	− 2·418	− 3	a	...
*	41·628	+31·581	1·05	42.3794	10·0
...	41·877	−11·019	0·85	43.3785	10·4
*	42·082	−36·599	1·70	43.3786	9·4
*	42·141	−53·320	1·00	43.3788	10·4

Notes.	Co-ordinates. x.	y.	Diam. −4.	C.P.D. No.	Mag.
541–580					
541					
*	+43·15[illegible]	− 1·242	1·00	42.3795	10·4
*	42·3[illegible]	− [illegible]·21	1·10	42.3796	10·2
*	42·440	−24·132	1·50	43.3787	9·5
.	42·[illegible]	+12·321	− 5	...	...
.	42·[illegible]	−11·[illegible]	0·80	43.3789	10·4
...	+43·[illegible]	+56·[illegible]	− 5	...	...
.	43·084	−45·821	− 4	43.3790	10·4
...	43·341	−5[illegible]	− 5	...	...
	43·488	+28·134	0·65	42.3797	10·5
*	43·[illegible]	+[illegible]	1·80	41.3822	9·7
551					
*	+44·131	−26·387	1·30	43.3791	9·9
...	44·386	+40·420	− 2	42.3798	10·4
...	44·690	−22·323	− 4	...	...
*	44·794	+12·365	1·80	42.3801	9·3
..	45·[illegible]	−27·417	0·90	43.3792	10·2
	+45·061	+3[illegible]	− 1	42.3800	10·5
	45·202	+43·088	− 4	42.3799	10·4
S *	45·316	+39·202	1·60	42.3802	9·3
*	45·540	+17·429	1·60	42.3803	9·4
	45·771	−22·192	− 1	...	...
561					
...	+45·886	−26·480	− 1	...	...
S *	46·227	+ [illegible]·208	1·45	42.3805	9·4
...	46·371	+10·045	− 2	...	...
...	46·455	+14·951	− 1	...	...
...	46·677	+ 5·545	0·75	42.3806	10·5
*	+46·678	+43·985	1·20	42.3804	9·9
*	46·740	−13·856	1·[illegible]	43.3794	10·1
	47·080	−10·373	0·90	43.3795	10·4
..	47·181	−27·882	0·85	43.3796	10·4
*	47·833	+29·332	1·80	42.3807	9·4
571					
*	+47·836	−34·038	1·05	43.3797	10·4
...	47·[illegible]	−47·931	− 4	...	...
*	48·494	−15·[illegible]	1·30	43.3799	9·8
	48·563	−13·646	− 3	...	...
	48·796	+ 5·093	1·[illegible]	42.3809	10·4
	+48·[illegible]	−55·245	− 3	...	...
*	48·972	+26·0[illegible]	1·[illegible]	42.3808	9·9
	48·986	−53·826	− 4	...	...
†	49·300	+ 1·933	1·75	42.3812	10·4
*	49·414	−30·[illegible]	1·00	43.3800	10·0
581–620					
581					
*	+49·473	+17·034	1·25	42.3811	9·8
*	49·475	+28·771	1·30	42.3810	9·8
..	49·850	+53·349	− 5	...	...
...	50·339	−39·[illegible]	− 5	a	...
*	50·388	+48·063	1·00	42.3813	10·0
...	+50·431	−53·020	0·70	43.3802	10·1
...	50·709	−59·[illegible]	− 5	...	...
*	50·[illegible]	−29·292	1·20	43.3801	9·6
...	51·559	+17·697	− 4	42.3815	10·5
*	51·860	+50·672	2·00	42.3814	9·0
591					
...	+51·868	− 2·[illegible]	− 5	e	...
...	52·405	−53·404	− 5	...	...
...	52·471	+49·271	− 5	...	...
...	52·614	+39·611	− 4	42.3816	10·5
*	52·620	−19·014	1·20	43.3803	9·6
...	+52·679	−12·436	− 5	...	...
...	52·702	+34·319	− 3	42.3817	10·5
...	52·832	+23·779	− 2	42.3818	10·5
...	52·878	+38·687	− 5	...	...
*	53·077	−26·590	1·30	43.3804	9·6
601					
...	+53·140	−52·977	− 1	43.3807	10·2
...	53·204	+28·119	− 5	...	...
...	53·428	−25·575	0·80	43.3806	10·2
*	53·609	−13·639	1·35	43.3805	9·4
...	53·658	+40·478	− 5	...	...
†	+53·753	+49·841	0·85	42.3819	10·0
..	53·833	−11·162	− 5	...	...
*	53·895	− 2·474	1·20	42.3820	9·8
N ‡	54·428	−52·378	2·00	43.3808	8·8
*	55·015	−33·881	1·05	43.3809	9·9
611					
*	+55·232	+43·366	0·90	42.3821	10·0
*	55·578	+36·510	1·05	42.3822	10·0
..	55·660	+ 7·719	− 4	...	...
...	55·750	−31·290	0·80	43.3812	10·2
...	55·757	+33·928	− 4	...	...
*	+55·834	−20·470	1·05	43.3811	10·0
...	55·910	+49·593	− 5	...	...
...	55·961	+12·877	− 3	...	...
...	56·077	−51·335	− 4	...	...
...	56·695	−21·406	0·65	43.3813	10·2
621–633					
621					
...	+56·769	−37·352	− 5	...	...
...	56·820	+24·216	− 2	42.3823	10·5
...	57·736	+15·104	− 3	...	...
...	58·081	+11·116	0·65	42.3824	10·4
...	58·094	− 9·816	− 5	...	...
...	+58·389	−17·496	− 5	...	...
*	58·489	−10·841	1·10	43.3814	9·8
...	58·574	−28·316	0·65	43.3815	10·4
*	58·673	+ 6·461	1·25	42.3826	9·8
*	58·820	+48·764	1·80	42.3825	9·4
631					
...	+58·839	−16·582	− 5	...	...
*	58·846	−48·269	1·20	43.3816	9·8
...	59·011	−39·061	− 5	...	...

600. Mass. 43·[illegible]58, two stars; 44·[illegible]58, mass.

Notes.	Co-ordinates. x.	y.	Diam. −4.	C.P.D. No.	Mag.
1–10					
1					
	−5[illegible]·665	+[illegible]·344	− 5	?	
*	59·[illegible]	+[illegible]·[illegible]	1·90	42.3814	9·0
...	59·[illegible]	−31·007	[illegible]	43.3800	10·0
...	59·267	−55·397	− 5	...	...
...	59·[illegible]	−53·986	− 5		
...	−58·[illegible]	+10·622	− 5	M	
...	58·[illegible]	+49·172	− 5	...	...
...	58·[illegible]	+[illegible]·597	− 2	42.3815	10·5
...	58·315	+39·[illegible]	− 2	42.3816	10·5
...	58·[illegible]	+34·[illegible]	− 1	42.3817	10·5
11–20					
11					
...	−58·019	+38·612	− 5	...	...
*	57·974	−29·385	1·25	43.3801	9·6
..	57·790	− 2·955	− 5	E	...
...	57·700	−53·140	− 3	43.3802	10·1
	57·611	+23·711	0·85	42.3818	10·5
†	−57·490	+ 1·765	− 1	42.3819	10·0
...	57·362	+28·053	− 4	.	...
..	57·269	+40·429	− 5	...	...
..	57·155	+35·009	− 5	...	...
.	56·682	−12·496	− 4	...	...
21–30					
21					
*	−56·542	−19·075	1·15	43.3803	9·6
...	56·208	+ 5·355	− 5	M	...
*	55·858	−26·632	1·25	43.3804	9·6
...	55·797	+43·362	1·15	42.3821	10·0
*	55·755	− 2·503	1·05	42.3820	9·8
..	−55·718	−53·471	− 5	...	...
*	55·701	−13·672	1·30	43.3805	9·4
...	55·571	−11·181	− 3	...	...
...	55·546	−25·607	0·95	43.3806	10·2
...	55·286	+49·609	− 4	...	...

Images black; some diameters under 1·0 overestimated.

Reasumed from 1. 150. 305. 493. 602. 883.
C ,, ,, 63. 212. 304. 591. 770. 957.

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
31–90					
31					
...	−55·276	+25·915	−5	M	...
*	55·221	+36 520	1·05	42.3822	10·0
...	54·995	−53·020	−2	43.3807	10·2
†	54·975	+33·963	−4	...	...
...	54·403	+ 3·817	−5	M	...
...	−54·302	+ 7·741	−3	...	...
...	54·152	+12·919	0·85	...	...
N *	53·750	−52·341	1·00	43.3808	8·8
N *	53·732	−52·416	1·00		
*	53·699	−33·862	1·10	43.3809	9·9
41					
...	−53·638	+24·267	0·90	42.3823	10·5
...	53·537	+ 5·704	−5	M	...
...	53·272	−20·422	1·00	43.3811	10·0
...	53·038	−31·236	1·00	43.3812	10·2
...	53·023	− 3·973	−4	M	...
...	−52·847	+35·062	−5	...	...
...	52·448	+15·182	0·85	...	...
...	52·397	−21·331	0·75	43.3813	10·2
S *	52·363	+48·865	1·40	42.3825	9·4
...	52·123	−51·294	−5	...	...
51					
...	−51·980	+11·206	0·95	42.3824	10·4
...	51·931	+33·045	−5	...	...
...	51·340	− 9·715	−1	...	...
*	51·250	+ 6·569	1·10	42.3826	9·8
...	51·207	+27·140	−5	M	...
...	−51·111	+35·514	−1	42.3827	10·5
*	50·915	−10·723	1·00	43.3814	9·8
...	50·819	−17·374	−3	...	...
...	50·641	+ 4·800	0·90	42.3828	10·4
...	50·404	−16·457	−3	...	...
61					
...	−50·306	−28·185	0·95	43.3815	10·4
*	50·170	+51·132	1·30	42.3829	9·8
...	49·740	+56·749	0·65	41.3844	10·4
...	49·684	−11·524	−4	M	...
...	49·560	−38·904	−4	...	...
*	−49·533	+19·612	1·05	42.3830	9·8
*	49·444	−48·142	1·30	43.3816	9·8
...	49·347	− 6·328	−4	M	...
...	49·260	+43·772	0·85	42.3832	10·2
*	49·146	− 1·635	1·10	42.3831	9·8
71					
...	−49·070	+31·745	−2	...	...
...	48·586	+52·180	1·00	42.3833	10·0
...	48·498	−27·553	0·85	43.3817	10·4
...	48·466	− 7·429	0·70	...	...
...	48·063	+26·325	1·00	42.3834	10·2
...	−47·937	+18·000	−4	M	...
*	47·691	+43·564	1·15	42.3836	10·0
...	47·632	+26·747	−4	...	...
...	47·630	+33·262	−5	M	...
*	47·622	+20·311	1·00	42.3835	10·0
81					
...	−47·619	+30·895	−5	...	...
...	47·610	+10·838	−2	...	...
...	47·523	+ 2·726	−5	M	...
...	47·349	−22·569	−5	M	...
...	47·233	+28·908	−5	M	...
...	−47·165	−43·098	−5	...	...
...	47·005	−18·017	−4	M	...
...	46·964	+ 6·127	0·75	42.3837	10·4
...	46·935	+32·273	−1	...	...
...	46·875	− 1·646	−4	M	...
91–150					
91					
*	−46·848	+15·204	1·20	42.3838	9·8
...	46·776	+39·948	−5	M	...
...	46·727	+36·221	−5	M	...
...	46·675	−10·228	−5	M	...
...	46·293	−26·068	−4	M	...
...	−46·253	−40·815	−1	...	...
...	46·032	−37·016	−5	M	...
...	45·449	+30·410	−5	M	...
...	45·413	+47·361	−5	...	...
...	45·191	−31·508	−5	M	...
101					
...	−45·001	− 8·144	−4	M	...
‡	44·972	− 4·551	1·00	42.3839	9·8
...	44·592	− 4·428	−4	M	...
...	44·485	−59·051	−4	...	...
...	44·322	+21·238	1·00	42.3840	10·2
...	−44·284	−12·624	−5	M	...
...	44·218	− 6·957	−5	M	...
...	44·123	+33·771	−5	M	...
...	44·055	−32·794	−5	...	...
...	44·031	+ 0·534	0·90	42.3841	10·5
111					
...	−43·813	−16·428	−4	M	...
...	43·805	−10·769	−5	M	...
...	43·388	+52·355	−5	...	...
...	43·277	+36·226	−4	...	...
...	43·247	−18·615	0·65	...	...
...	−43·205	+27·837	−5	M	...
...	43·098	+28·588	−5	M	...
*	43·082	+42·888	1·20	42.3843	9·8
...	42·915	−37·274	−5	...	...
...	42·835	+ 1·636	0·95	42.3842	10·2
121					
...	−42·673	+16·953	−1	A	...
...	42·570	−50·159	0·65	43.3820	10·2
...	42·510	− 1·964	−4	M	...
...	42·504	−41·440	−5	...	...
...	42·441	−22·516	−4	M	...
...	−42·395	+ 0·082	−5	M	...
*	42·351	−12·605	1·00	43.3821	10·2
...	42·166	−32·628	−5	...	...
.	42·031	−24·000	0·65	...	...
*	41·862	+13·389	1·20	42.3844	9·8
131					
*	−41·818	−12·741	1·20	43.3822	9·4
...	41·801	−55·429	−5	...	...
...	41·783	−28·254	−4	...	...
..	41·778	− 0·390	−3	B	...
*	41·751	+ 2·933	1·20	42.3845	9·5
...	−41·638	+42·209	0·70	...	...
...	41·535	+58·915	−3	...	...
...	41·468	+ 5·150	−4	M	...
...	41·438	+36·010	0·80	42.3846	10·5
...	41·330	+16·287	0·70	...	...
141					
...	−41·016	+42·122	0·65	...	...
...	40·930	+41·005	−4	...	...
*	40·775	−12·981	1·10	43.3824	9·6
*	40·733	−32·326	1·00	43.3823	10·0
*	40·426	−48·476	1·60	43.3825	9·0
...	−40·360	+ 3·289	−5	M	..
...	40·251	−19·706	0·95	43.3826	10·2
*	40·113	+35·433	1·05	42.3847	10·0
†	39·992	+21·105	−2	...	...
...	39·702	+18·690	−3	...	...
151–210					
151					
...	−39·656	+21·404	−5	M	...
...	39·569	+28·741	−4	...	...
‡	39·059	−34·960	1·00	43.3827	10·2
...	38·976	− 3·113	0·70	...	...
...	38·968	−54·529	−1	43.3828	10·4
...	−38·774	− 4·322	0·80	...	...
...	37·987	−26·741	−5	M	...
...	37·878	−26·909	−5	M	...
...	37·866	+ 0·628	−5	M	...
...	37·433	− 7·646	−3	M	...
161					
...	−37·272	+12·976	−5	M	...
...	37·135	−41·769	−5	M	...
...	36·968	+38·781	−4	A	...
...	36·912	−19·054	0·70	...	...
...	36·828	+ 8·810	−3	...	...
...	−36·786	+35·625	−5	M	...
...	36·362	−40·505	−5	...	...
...	36·339	+49·521	1·00	42.3848	10·4
...	36·311	− 2·996	−3	M	...
...	36·238	+37·889	−5	M	...
171					
*	−36·234	−25·586	1·40	43.3830	8·8
...	36·211	−48·443	−1	43.3829	10·2
...	36·199	+17·228	−5	M	...
...	35·744	−56·371	−5	...	...
...	35·572	−55·106	−2	43.3831	10·4
*	−35·385	−42·179	1·25	43.3832	9·4
...	35·381	− 5·973	0·90	42.3849	10·4
...	35·247	−55·666	1·00	43.3833	10·2
...	35·242	−45·150	−4	...	...
S *	35·230	+55·450	1·35	41.3863	9·4
181					
...	−35·075	−14·351	0·80	43.3835	10·4
‡	35·025	+ 1·574	1·00	42.3850	9·8
...	34·764	−19·088	0·80	...	...
...	34·548	−38·518	−4	M	...
*	34·125	−44·628	3·20	43.3836	7·8
...	−34·093	−28·007	−3	...	...
..	33·949	+ 1·809	−4	M	...
...	33·891	−13·890	1·00	43.3837	10·1
...	33·626	+13·674	0·90	...	...
*	33·622	+40·268	1·00	42.3851	10·2
191					
..	−33·401	+ 4·036	−5	M	...
...	33·304	−33·576	−1	43.3838	10·2
...	33·265	−33·626	−2		
...	33·037	−33·075	−4	M	...
...	32·771	+ 3·688	−5	M	...
...	−32·633	−13·475	0·75	...	...
†	32·538	−19·953	−4	M	...
...	32·486	−48·574	−1	43.3840	10·4
*	32·456	−21·923	0·95	43.3841	10·1
...	32·417	− 2·296	−5	M	...
201					
...	−32·216	+45·780	−5	...	...
...	32·215	+20·793	−3	...	...
...	32·090	− 4·140	−5	M	...
...	31·908	− 1·463	−5	M	...
...	31·257	−54·511	−4	43.3842	10·4
...	−31·245	+17·029	−3	...	...
S *	30·963	−53·803	1·85	43.3843	9·0
*	30·882	+ 8·668	1·00	42.3852	10·2
...	30·748	+ 9·588	−5	M	...
*	30·481	−25·967	0·95	43.3844	10·2

38, 39, 43°·57, 44°·58, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
211–270					
211					
*	−32·170	−33·451	1·00	43°3846	10·2
...	29·904	+40·612	0·70	42·3853	10·0
*	29·754	+40·660	1·00		
...	29·744	+ 6·877	− 4	C	...
*	29·663	− 8·464	0·95	43·3847	10·4
*	−29·643	−26·193	0·90	43·3849	10·2
.	29·514	−28·272	1·35	43·3848	8·6
.	29·242	+ 4·453	0·90	42·3854	10·4
...	28·549	−35·718	− 3	.	...
...	28·320	+31·191	0·75	...	..
221					
...	−28·202	−17·604	− 5	M	...
..	28·200	+ 38·167	− 5	...	...
..	28·197	+35·509	− 5	M	..
...	28·118	+ 5·936	− 3	B	..
...	27·982	−59·208	1·00	43·3850	10·0
...	−27·838	+55·122	0·85	41·3874	10·0
.	27·782	+34·671	− 4	...	...
.	27·768	− 8·201	− 2	.	...
...	27·742	−47·688	− 3	.	...
...	27·560	+ 1·116	− 5	M	...
231					
.	−27·551	+ 1·324	− 5	M	..
.	27·540	+47·766	− 5	M	...
..	27·517	−46·091	− 4	...	...
...	27·460	+23·983	0·70	...	...
..	27·453	−14·866	0·70	...	...
.	−27·441	+32·365	0·70	...	...
...	27·234	−48·538	0·95	43·3851	10·2
.	27·033	+11·834	− 3	...	...
*	26·946	−49·036	1·05	43·3852	9·8
.	26·924	+ 6·791	− 5	M	...
241					
..	−26·703	+52·991	− 5	...	...
...	26·685	+52·835	− 5	.	...
.	26·620	−28·823	− 5	M	...
†	25·919	−59·890	− 5	...	..
.	25·915	+43·312	− 2	..	..
...	−25·811	−15·742	− 4	M	...
.	25·802	+51·221	− 5	...	..
.	25·658	+ 7·118	− 4	M	..
*	25·652	+ 7·760	1·20	42.3855	9·4
.	25·586	−48·385	− 4	...	...
251					
...	−25·547	−28·271	0·70	..	...
*	25·545	− 1·127	0·95	42.3856	10·4
.	25·288	+12·740	− 5	M	..
...	25·097	−58·315	0·65	.	..
.	24·760	+41·055	0·85	42·3857	10·5
...	−24·553	−20·975	− 5	M	...
*	24·436	+54·808	0·85	41.3879	10·2
*	24·233	+54·682	0·75		
...	24·210	+36·652	0·70	42.3858	9·2
*	24·137	+36·686	1·40		
261					
.	−23·873	+49·011	0·90	42.3860	10·4
.	23·850	+ 1·133	− 4	..	...
.	23·[illegible]	−15·213	1·00	42.3861	10·2
...	23·[illegible]	+54·[illegible]	− 4	.	..
...	23·962	−35·872	− 5	M	...
*	−23·910	+20·252	1·[illegible]	42.3859	10·2
.	23·883	−13·[illegible]	− 4	...	...
.	23·847	−36·[illegible]	− 5	M	..
...	23·[illegible]	+41·[illegible]	− 5	...	...
...	23·665	−17·[illegible]	− 5	M	...
271–330					
271					
...	−23·625	+ 2·855	− 4	°M	...
*	23·561	−16·358	1·20	43.3853	9·3
...	23·552	+ 9·464	0·70	...	...
*	23·407	+33·266	1·20	42.3862	9·7
...	23·385	−18·845	− 5	M	...
...	−23·384	+29·540	− 4	...	...
...	23·253	−30·585	− 4	M	...
†	23·189	− 5·026	0·75	42.3863	10·4
*	23·157	−48·213	1·10	43.3854	9·8
...	23·033	+ 7·681	− 4	M	...
281					
...	−22·983	−35·128	0·70	...	...
..	22·956	+36·357	− 5	M	...
...	22·777	+20·000	0·70	...	...
...	22·308	+20·128	− 4	M	...
...	22·196	+35·771	− 3	...	...
...	−22·169	+21·434	− 5	M	...
...	22·095	−57·544	− 5	M	...
...	21·989	+38·231	− 5	M	...
...	21·858	−50·776	− 3	...	...
...	21·544	−35·818	0·70	...	...
291					
...	−21·375	−26·208	− 5	M	...
*	21·343	− 8·537	1·00	43·3855	9·9
...	21·261	−33·405	− 5	M	...
*	21·212	+ 7·070	1·00	42.3864	9·9
...	21·137	+42·402	− 3	...	...
...	−20·963	−33·539	− 4	M	...
*	20·874	− 9·670	1·00	43.3856	9·8
...	20·838	+48·745	0·95	42.3865	10·2
...	20·718	+ 1·344	0·70	42.3866	10·5
..	20·712	−57·163	− 5	M	...
301					
...	−20·555	+22·927	0·70	...	...
...	20·531	+20·383	− 2	...	...
...	20·425	−13·256	− 4	M	...
*	20·184	+50·584	1·10	42.3867	10·0
...	19·635	−16·617	− 4	M	...
...	−19·627	+48·559	1·00	42.3868	10·2
...	19·538	−52·835	− 5	M	...
*	19·471	+ 2·176	1·00	42.3869	10·2
...	19·170	−42·068	− 5	M	...
...	18·939	+ 8·832	0·75	...	...
311					
*	−18·916	+ 7·350	1·00	42.3870	10·2
...	18·903	−27·978	− 4	M	...
*	18·831	−34·726	0·95	43.3857	10·2
*	18·752	− 2·551	1·00	42.3872	10·0
S *	18·707	+10·765	2·00	42.3871	8·6
...	−18·736	−47·504	1·00	43.3858	10·2
...	18·531	−50·003	− 5	M	...
..	18·512	−18·200	1·80	43.3859	10·4
...	18·372	−39·227	− 5	M	...
...	18·160	−50·220	− 4	...	...
321					
...	−17·904	−25·177	− 5	M	...
*	17·857	−49·903	1·50	43.3860	8·8
...	17·813	−50·695	1·05	43.3861	9·9
...	17·734	+30·620	− 5	M	..
...	17·508	−26·389	− 5	M	...
..	−17·364	+ 8·522	− 5	M	...
*	17·174	+34·677	1·00	42.3873	10·0
*	17·129	−47·768	1·10	43.3863	9·8
...	17·094	+32·347	− 5	.	..
..	16·914	+ 8·417	− 5	M	...
331–390					
331					
...	−16·598	+ 5·254	− 4	°M	...
...	16·242	−31·968	− 4	...	...
S *	16·209	−29·826	1·40	43.3864	8·8
...	15·766	−23·721	0·65	...	...
...	15·593	+16·432	− 3	...	...
...	−15·498	−25·602	− 4	M	...
...	15·382	+25·216	0·85	42.3874	10·4
...	15·370	− 3·037	0·65	A	...
...	15·275	−53·188	− 5	M	...
..	15·242	+31·986	0·90	42.3875	10·4
341					
...	−15·158	+ 0·098	− 2	a	..
...	14·670	−47·356	1·05	43.3865	9·4
...	13·989	+41·995	0·70	...	...
.	13·937	+ 0·588	− 5	M	...
...	13·890	+ 4·846	0·70	...	...
*	−13·743	−49·045	1·25	43.3866	9·3
...	13·616	−48·949	− 5	..	...
...	13·587	+24·983	0·70	...	...
...	13·568	+ 1·462	− 5	M	...
...	13·531	−21·101	− 4	...	...
351					
...	−13·488	−43·356	0·90	43.3867	10·4
...	13·363	− 0·393	− 4	M	...
*	13·219	+23·433	1·00	42.3876	9·8
...	13·213	−58·573	− 2	43.3868	10·4
...	13·055	−15·399	0·65	...	..
...	−12·980	− 9·916	− 5	M	...
...	12·705	−46·404	− 4	...	...
...	12·659	− 3·349	0·75	A	...
...	12·649	−50·475	− 3	...	...
...	12·574	−48·383	− 4	...	...
361					
*	−12·558	−41·112	1·10	43.3870	9·4
...	12·556	+21·073	− 5	M	...
...	12·459	−42·869	− 4	...	...
...	12·382	+36·537	0·85	...	...
*	12·362	+31·743	1·35	42·3877	9·3
...	−12·072	+22·715	− 5	M	...
...	12·022	−42·462	0·85	43.3871	10·4
...	12·022	−55·958	− 5	M	...
...	11·962	+42·056	− 4	M	...
...	11·910	−13·688	− 5	M	...
371					
...	−11·886	+36·629	− 5	M	...
..	11·632	− 2·659	− 2	D	...
...	11·616	+24·341	0·75	...	...
...	11·585	+21·502	− 5	M	...
...	11·330	+ 1·085	− 4	M	...
...	−11·330	−11·708	− 5	M	...
...	11·321	+ 7·045	0·90	42.3878*	10·4
...	11·281	+40·352	− 5	M	...
...	11·227	− 3·986	− 5	M	...
..	11·162	+ 2·080	0·70	...	...
381					
...	−10·997	−25·085	1·00	43.3872	9·8
...	10·955	+39·898	− 5	M	...
...	10·702	−46·132	− 3	...	...
...	10·619	−18·991	− 3	M	...
..	10·534	+35·663	− 4	M	...
*	−10·381	+13·394	1·00	42·3879	9·8
*	10·354	−33·393	0·95	43.3873	10·0
...	10·344	−56·518	− 2	43.3874	10·4
...	10·335	−42·606	− 5	...	...
...	10·331	−30·684	− 2	..	...

257, 258. C.P.D., suspected double.

391 450

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
391					
...	−10·091	−19·572	−2	B	.
...	10·085	−34·230	−3	...	...
...	10·064	−9·027	−5	M	..
..	9·989	+22·905	−5	M	...
...	9·904	−51·227	−5	M	...
...	−9·766	−20·296	−1	...	.
S *	9·732	+15·605	4·00	42.3880	7·2
...	9·632	−0·231	−5	M	...
...	9·456	−55·329	−4	M	...
...	9·338	+56·615	1·00	41.3898	10·0
401					
...	−9·270	−26·435	0·85	43.3875	10·2
...	9·252	+27·627	−4	M	...
...	9·070	−35·238	−5	M	...
*	9·004	+25·323	1·20	42.3881	10·2
...	8·933	+0·730	−5	M	...
...	−8·850	−40·178	0·80	43.3876	10·4
...	8·621	+6·399	−4	M	...
...	8·499	+10·988	0·70	42.3882	10·5
...	8·359	+48·276	−4	M	...
...	8·298	−3·705	0·95	42.3883	10·2
411					
...	−8·269	+35·958	−3	...	...
*	8·045	−51·528	1·05	43.3877	10·0
...	8·039	−30·208	−5	M	...
..	7·863	−53·27[illegible]	−5	M	...
...	7·359	+46·016	1·00	42.3884	10·2
...	−7·277	+55·297	−4	41.3900	10·3
...	7·272	−56·382	−5	M	...
*	6·912	+17·090	1·00	42.3885	10·0
	6·709	−30·244	−4	..	...
...	6·701	−50·369	0·80	43.3878	10·4
421					
...	−6·623	+12·387	−4	M	
...	6·570	−40·555	−5	M	
†	6·560	−5·032	−4	M	.
...	6·491	+17·671	−2	...	
...	6·365	+8·955	−5	M	
...	−6·213	+44·050	−4	..	
...	5·942	−9·337	−1	...	...
...	5·812	−35·919	0·80	43.3880	10·4
...	5·754	−3·619	−4	M	...
...	5·450	+37·266	−3	A	...
431					
.	−5·294	−0·572	0·70	42.3886	10·5
*	5·281	−38·292	1·20	43.3881	9·2
...	5·271	−43·207	1·00	43.3882	10·0
...	5·107	−5·492	−4	M *m*	.
...	4·938	−7·536	−5	M *m*	...
...	−4·815	+23·564	−5	M	.
...	4·571	−58·413	−5	...	...
...	4·449	−41·084	0·95	43.3883	10·2
...	4·315	+36·439	−5	M *m*	...
...	4·208	−6·049	0·75	42.3887	10·5
441					
*	−4·118	+37·696	1·20	42.3888	9·4
*	4·045	−14·231	0·95	43.3884	10·0
...	3·978	−27·482	−2	...	...
...	3·906	+23·077	−2	...	...
*	3·850	+20·121	1·00	42.3889	10·0
*	−3·709	+15·854	1·00	42.3890	9·8
*	3·674	−34·720	1·25	43.3885	9·2
...	3·658	+38·515	−3	...	...
...	3·388	−12·775	0·90	43.3886	10·0
*	3·286	+5·883	0·95	42.3891	10·0

451 510

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
451					
	−3·002	−31·910	−5	M *m*	..
.	2·923	+25·411	−3	...	..
*	2·902	+52·914	1·10	42.3892	10·0
.	2·702	−7·054	−5	M *m*	...
...	2·681	−34·400	0·90	43.3887	10·1
.	−2·657	+11·447	−5	M *m*	...
.	2·564	+1·872	−5	M *m*	..
.	2·441	−30·801	−5	M *m*	...
.	2·385	+0·776	0·85	42.3893	10·4
...	2·306	−54·174	−3	*m*	...
461					
...	−2·287	+5·985	−5	M *m*	...
	2·117	+35·301	−4	*m*	...
*	2·130	−16·059	1·00	43.3888	9·9
...	2·081	−37·523	−3	...	...
..	2·064	+33·455	0·70	42.3894	10·5
..	−2·038	−42·983	−5	M	...
.	1·913	+25·464	−5	M *m*	...
.	1·788	+8·994	−4	M *m*	...
*	1·751	−13·258	1·15	43.3889	9·8
...	1·707	+33·575	−2	...	..
471					
*	−1·626	+28·962	1·15	42.3895	9·5
...	1·574	−54·564	−5	M *m*	..
	1·552	+5·647	−5	*m*	...
...	1·56[illegible]	+27·819	0·90	42.3896	10·3
...	1·461	+2·167	0·70	42.3898	10·3
*	−1·364	+25·527	1·50	42.3897	9·0
...	1·362	−19·375	0·65	43.3890	10·0
*	1·314	−19·383	0·85		
.	1·256	+28·584	−5	M *m*	...
...	1·242	+46·817	−2	.	...
481					
.	−1·222	−42·635	0·85	43.3891	10·4
.	1·222	−57·500	−4	M	..
..	1·169	−7·934	−3	M	...
...	1·159	+16·330	−2	..	...
	1·074	−35·587	−5	M *m*	..
.	−0·846	−23·064	−4	M *m*	.
.	0·805	+35·823	1·00	42.3899	10·0
...	0·698	−23·224	−4	M	...
..	0·491	−13·056	−2	A *m*	
...	0·410	−15·908	−5	M *m*	..
491					
..	−0·377	−30·249	−5	M *m*	...
...	−0·263	+24·537	−5	M *m*	
...	+0·080	+34·970	0·85	42.3900	10·3
...	0·111	−41·910	−3	M	...
...	0·180	−6·979	0·70	A *m*	...
...	+0·293	+11·549	−1	B *m*	...
*	0·361	−38·408	1·00	43.3892	9·8
..	0·646	−14·470	−5	M *m*	..
†	0·779	+59·748	1·00	41.3913	9·6
...	0·900	+9·122	−4	M *m*	...
501					
*	+0·951	−20·230	1·00	43.3893	10·1
...	1·126	−12·467	0·80	43.3894	10·2
†	1·134	+14·847	0·80	...	...
...	1·291	+26·123	−2	...	..
...	1·392	+25·064	0·85	...	...
S *	+1·426	+35·190	2·85	42.3901	7·9
†	1·441	−20·048	−2	M	...
...	1·547	+20·860	0·90	42.3902	10·3
*	1·568	−25·326	0·95	43.3895	10·1
...	1·588	+50·344	−5	M *m*	...

511–570

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
511					
	+1·675	−31·754	0·90	...	...
	1·696	+37·396	−5	M *m*	...
.	1·697	+53·135	−5	...	..
...	1·722	+10·231	−5	M *m*	...
*	1·764	+29·606	1·25	42.3903	9·0
...	+1·875	−42·881	0·90	43.3896	10·2
...	1·914	−19·203	0·70	M	...
...	2·138	+35·091	−3	...	...
..	2·159	+18·659	0·75	...	...
...	2·160	−50·585	1·00	43.3897	10·2
521					
...	+2·170	−6·520	0·85	42.3904	10·3
*	2·558	+39·976	1·00	42.3905	9·8
..	2·745	+48·641	1·00	42.3906	10·0
...	2·818	−51·52[illegible]	−5	M	...
..	3·084	+5·2[illegible]	−2	M *h*	...
...	+3·572	−48·863	−5	M *m*	...
.	3·802	−53·36[illegible]	−5	M	...
...	3·845	+13·972	−5	M *m*	.
...	3·945	+9·49[illegible]	−3	M	...
...	4·060	−38·951	−5	M *m*	...
531					
...	+4·195	−45·278	−5	M *m*	...
*	4·269	−1[illegible]·561	1·15	43.3898	9·2
...	4·340	−35·653	0·70	*m*	...
...	4·531	−25·772	−5	M *m*	...
...	4·58[illegible]	+13·039	−5	M *m*	...
‡	+4·604	−10·041	0·90	43.3899	10·2
*	4·619	+1·081	1·10	42.3907	9·2
	4·630	+22·167	0·65	A	...
.	4·742	−3·849	0·90	42.3908	10·2
†	4·961	+31·106	0·65	...	...
541					
.	+5·325	+18·987	−5	*m*	...
	5·397	−38·[illegible]40	1·00	43.3900	9·8
.	5·447	−50·418	−5	...	...
	5·518	+22·096	−5	*m*	.
.	5·542	−52·555	−5	...	...
...	+5·559	−26·656	−5	*m*	...
	5·608	−22·854	1·00	43.3901	9·8
..	5·721	+26·735	0·65	...	...
*	5·956	−16·809	1·35	43.3902	9·2
...	6·000	−58·260	−3	...	...
551					
*	+6·080	−36·633	1·00	43.3903	9·6
*	6·087	−42·331	1·00	43.3904	9·8
	6·159	+35·138	0·90	42.3909	10·3
	6·333	−15·608	0·90	43.3905	10·0
a *	6·352	+0·183	1·00	42.3910	9·7
.	+6·447	+50·163	−5	...	...
.	6·576	−36·332	0·90	43.3906	10·4
...	6·588	+32·052	0·80	...	...
...	6·696	−27·179	−5	*m*	...
..	7·056	+44·491	0·90	42.3911	10·2
561					
...	+7·062	−58·136	−4	...	...
*	7·179	+39·128	1·00	42.3912	9·6
*	7·236	+59·306	1·25	41.3919	9·4
*	7·306	+7·097	0·90	42.3913	10·0
...	7·356	+33·991	−5	*m*	...
...	+7·406	+33·590	−4	*m*	...
*	7·727	−51·457	1·30	43.3908	9·4
...	7·736	−53·547	−5	...	...
...	7·742	−32·392	0·90	43.3907	10·0
...	7·840	−10·136	−5	*m*	...

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
571 630					
571					
	+ [illegible]	−39·000	− 3	...	...
*	7·927	+ [illegible]	0·90	42·3914	10·2
...	[illegible]	+ 7·212	0·75	.	...
...	[illegible]	+ 2·339	− 5	m	...
.	[illegible]	−23·201	− 4	m	...
*	+ 8·328	[illegible]	1·00	43·3909	9·9
...	[illegible]	+37·128	0·90	42·3915	10·2
	8·466	+ 1·507	[illegible]	...	...
	8·497	+24·299	− 2	...	...
*	8·635	+46·691	1·05	42·3916	9·7
581					
	+ 8·850	+31·[illegible]	− 5	m	...
.	[illegible]	+35·[illegible]	− 5	m	...
	9·251	+ [illegible]	[illegible]	...	...
	9·315	−14·986	− 2	...	...
*	[illegible]	−46·611	1·45	43·3910	8·8
	+ 9·391	+2[illegible]	− 5	m	...
*	9·769	+11·686	1·00	42·3917	9·9
...	[illegible]	−33·513	0·70	.	...
...	9·819	+ [illegible]	− 5	m	.
...	9·832	−28·997	0·90	43·3911	10·0
591					
	+ 9·[illegible]	+24·020	− 5	m	...
N *	9·[illegible]	+ 3·862	− 2	a	...
..	[illegible]	+14·529	− 2	a	...
.	10·370	−48·270	− 4	...	...
	[illegible]	+13·203	1·00	42·3918	9·8
..	+10·436	+[illegible]	− 3	a	...
..	10·576	+19·667	− 4	m	...
...	10·589	+ 6·632	− 5	m	
...	10·683	+ [illegible]	− 4	m	
...	10·774	+19·[illegible]	− 5	m	
601					
S *	+10·860	− [illegible]	2·80	42·3919	8·3
...	11·145	+ [illegible]	− 3	m	...
*	11·276	−19·481	0·95	43·3912	10·0
...	11·291	+27·837	0·80	42·3920	10·3
	11·342	+22·055	− 5	m	...
...	+11·393	−39·560	0·70	...	...
*	11·588	+53·448	1·20	42·3921	9·6
	11·690	− 6·986	− 5	m	...
	11·[illegible]	+35·610	− 5	m	.
..	11·948	−42·026	− 5	m	
611					
	+12·251	−32·[illegible]	− 5	m	.
	12·361	−54·547	− 4	.	...
..	12·365	−18·539	0·70	43·3913	10·4
	12·368	−35·[illegible]	− [illegible]	m	...
.	12·424	− 4·121	0·75	42·3923	10·3
	+12·450	−[illegible]	− 4	[illegible]	...
	12·485	+23·[illegible]	− 3	[illegible]	...
	12·[illegible]	+35·[illegible]	0·80	42·3922	10·3
	[illegible]	−39·891	− 5	[illegible]	...
	12·696	+ 6·620	− 5	[illegible]	.
621					
	+12·713	−52·672	0·95	43·3914	10·2
	[illegible]	+31·279	− 3	[illegible]	[illegible]
	12·882	+15·573	− 2	...	[illegible]
	12·927	−28·363	− 2	[illegible]	[illegible]
...	12·992	−19·972	− 5	[illegible]	[illegible]
	+13·041	+34·509	[illegible]	42·3925	[illegible]
*	13·045	+43·401	1·05	[illegible]	[illegible]
*	13·326	+38·383	[illegible]	42·3926	9·9
*	13·363	[illegible]	[illegible]	42·3927	9·6
...	13·448	+41·513	− 2	...	.

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
631-690					
631					
*	+13·492	+35·901	1·00	42·3928	9·9
*	13·511	−24·276	1·00	43·3915	9·9
*	13·611	+30·960	1·50	42·3929	8·9
.	13·618	+[illegible]	− 5	m	...
.	13·735	+26·416	1·00	42·3930	9·8
.	+13·[illegible]	−51·237	− 5	m	...
..	13·829	+ [illegible]	0·70	42·3933	10·3
.	13·87[illegible]	+40·470	0·70	42·3931	10·3
.	13·883	+ [illegible]	1·00	42·3932	10·0
*	13·938	−41·357	1·00	43·3917	9·9
641					
†	+14·[illegible]	−59·879	0·90	43·3919	10·1
.	14·103	+23·523	− 5	m	...
...	14·132	−43·819	0·80	43·3918	10·4
.	14·256	−26·955	− 4	...	...
...	14·315	+16·927	0·70	42·3934	10·3
...	+14·[illegible]	−36·566	− 4	m	...
..	14·497	−38·084	− 5	m	...
.	14·798	−42·312	− 3	a	.
...	14·811	+43·265	− 5	m	...
...	14·82[illegible]	+ [illegible]	− 5	m	..
651					
‡	+15·190	+39·[illegible]	1·10	42·3935	9·6
...	15·211	−51·308	− 5	m	...
*	15·298	−40·524	0·95	43·3921	10·1
*	15·311	−12·078	1·15	43·3920	9·6
...	15·4[illegible]	+ [illegible]	− 5	m	...
	+15·574	+41·080	0·95	42·3936	10·2
...	15·600	[illegible]	− [illegible]	m	...
*	15·722	−46·095	1·00	43·3922	10·0
...	15·886	+15·423	− 4	m	...
...	[illegible]	−59·854	− 5	..	.
661					
...	+16·247	−51·936	− 5	m	...
.	16·282	−35·557	− 4	m	
..	16·453	− [illegible]	− 5	m	
...	16·637	+ [illegible]	0·80	42·3937	10·3
*	16·707	−52·[illegible]	1·25	43·3923	9·6
	+16·731	−45·417	− 3	...	...
.	16·814	−28·235	− 5	m	...
*	16·988	+11·[illegible]	0·90	42·3938	10·2
...	17·065	+36·650	− [illegible]	...	...
...	17·093	+21·[illegible]	− 5	m	...
671					
...	+17·198	−58·522	− 4		...
	17·531	+30·882	0·95	42·3939	10·2
	17·556	−38·389	− 2	..	...
..	17·625	−27·[illegible]	− 5	m	
	17·888	−12·925	− 2	...	...
	+17·[illegible]	+27·[illegible]	[illegible]	...	
	17·932	− 0·220	− 4		...
	17·[illegible]	+5·[illegible]	− 5		
	18·206	+27·[illegible]	− 2	.	
*	18·284	−3[illegible]	1·00	42·3940	9·8
681					
*	+18·370	+31·[illegible]	[illegible]	42·3941	[illegible]
	18·504	+33·805	0·70	...	...
	18·545	− [illegible]	− 5	m	...
...	18·836	+4[illegible]	− 5	m	
	19·067	−38·204	− 2	...	
...	+19·070	−56·196	− 5	.	
..	19·13[illegible]	+15·520	− 5	m	...
	19·156	−17·893	0·80	43·3924	[illegible]
...	19·[illegible]	+29·418	− 4		.
...	19·570	−56·305	− 1	...	.

Notes.	Co-ordinates. x.	y.	Diam. 2.	C.P.D. No.	Mag.
691-750					
691					
...	+19·751	−23·756	− 3	...	...
	20·099	−16·429	− 5	m	..
*	20·170	+39·622	1·00	42·3942	9·5
*	20·250	−25·389	1·00	43·3925	9·8
...	20·303	−44·596	− 5	...	...
...	+20·460	+31·033	− 5	m	...
*	20·571	+28·236	0·90	42·3943	10·2
...	20·728	+41·767	0·70	...	...
*	20·740	−47·637	1·00	43·3926	10·0
*	20·792	−41·375	1·00	43·3927	9·6
701					
*	+21·093	− 3·253	1·50	42·3944	9·2
..	21·869	−44·265	− 3	...	...
...	21·882	+19·215	− 5	m	..
...	21·886	+31·463	− 2	...	...
*	21·981	−52·045	1·10	43·3929	9·8
*	+22·007	−17·907	1·00	43·3928	10·0
...	22·008	+35·631	− 5	m	...
..	22·260	+44·493	0·95	42·3945	10·3
...	22·333	−27·011	− 5	...	...
...	22·531	−28·258	− 5	m	...
711					
...	+22·647	−17·813	0·70	...	...
..	22·770	+3[illegible]	− 3	...	..
..	22·792	−58·640	− 5	...	...
*	22·812	+31·999	1·00	42·3946	9·7
...	22·865	− 6·494	0·85	42·3947	10·4
...	+23·184	+20·174	0·80	42·3948	10·3
...	23·212	−55·634	− 1	43·3930	10·4
*	23·246	+16·724	1·50	42·3949	9·0
...	23·356	−45·994	− 5	...	...
...	23·383	−46·869	1·00	43·3931	10·2
721					
...	+23·563	+13·259	− 3	...	
...	23·583	−18·535	− 5	m	...
...	23·628	+40·243	− 4	...	..
.	23·685	− [illegible]	− 3	m	...
..	23·739	−13·522	− 5	m	...
.	+23·762	−56·58[illegible]	− 5	m	...
...	23·945	+15·785	0·75	...	..
*	23·951	+31·737	1·60	42·3950	8·6
..	23·983	−28·158	− 3	...	...
...	24·[illegible]	+32·823	− 5	m	...
731					
...	+24·164	−46·351	0·85	43·3932	10·4
...	24·41[illegible]	− [illegible]	− 5	m	...
*	24·592	− 2·499	1·00	42·3951	9·9
..	24·[illegible]	−14·918	− 5	m	..
...	24·689	−14·743	0·65	a	..
	+24·[illegible]	−55·502	− 5	[illegible]	..
	24·874	+20·600	− 1	.	..
*	25·066	−57·135	1·10	43·3933	9·8
	25·193	− [illegible]	− 5	[illegible]	...
...	25·198	−49·517	0·70	43·3934	10·4
741					
..	+25·263	+46·564	− 1	42·3952	10·3
..	25·30[illegible]	[illegible]	− 2	[illegible]	...
	25·702	+28·029	− 5	[illegible]	...
	26·012	−20·542	− 5	[illegible]	...
	26·076	−48·194	0·90	43·3935	10·4
.	+26·085	−15·489	− 5	m	...
	26·130	−35·[illegible]	− 5	m	...
	26·184	−35·449	− 5	m	...
	26·312	+58·279	− 2	41·3939	10·3
.	26·374	−28·080	0·70	...	...

[illegible] [illegible] [illegible] [illegible] by [illegible].

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −z.	C.P.D. No.	C.P.D. Mag.
751–810					
751					
...	+26·600	−15·107	− 5	m	...
...	26·722	−13·124	0·65	...	...
..	26·745	−12·831	− 5	m	..
...	26·799	−22·346	− 5	m	...
..	26·821	+45·351	− 5	...	...
..	+26·859	−40·688	0·70	...	..
...	26·957	− 5·443	− 3	m	...
...	27·358	+58·520	− 5	...	...
...	27·388	+21·929	− 5	..	...
...	27·593	−47·083	0·80	43·3936	10·4
761					
...	+27·640	+31·019	− 4	m	...
...	27·848	− 5·135	− 2	...	...
...	28·053	−54·405	− 3	...	...
*	28·072	+12·985	0·95	42·3953	9·8
...	28·123	−53·829	− 5	...	...
*	+28·276	+43·753	1·15	42·3954	9·2
...	28·303	− 8·751	− 4	m	...
...	28·334	−58·742	− 5	...	...
..	28·431	− 7·757	0·70	43·3937	10·4
...	28·509	+53·048	− 5	...	...
771					
...	+28·737	−25·127	− 5	m	...
*	28·812	−49·552	1·15	43·3938	9·8
...	28·830	+23·718	− 3	...	...
...	28·999	−33·623	0·80	43·3940	10·4
..	29·157	−21·095	0·70	...	...
...	+29·210	−11·998	0·80	43·3939	10·4
...	29·510	+32·371	0·90	42·3955	10·3
†	29·778	+19·980	− 4	...	...
...	29·963	−33·287	− 4	...	...
*	30·148	+29·469	1·00	42·3956	9·9
781					
...	+30·227	−46·525	− 5	m	...
*	30·276	−33·193	0·95	43·3941	10·2
..	30·463	+12·599	0·70	...	...
*	30·667	+56·847	1·00	41·3947	9·8
...	30·702	−50·209	− 5	...	...
..	+30·708	−19·511	− 4	m	..
...	30·782	−40·864	− 4	.	.
...	30·792	−19·226	0·70	...	.
...	30·822	+33·048	− 5	m	.
...	30·867	+58·762	− 4	.	.
791					
...	+30·934	−52·492	− 5	...	...
*	31·049	+38·820	1·00	42·3957	9·8
..	31·146	+28·098	0·80	42·3959	10·0
..	31·166	−25·726	− 3	...	...
...	31·198	−49·684	− 4	m	...
*	+31·207	+34·094	1·00	42·3958	9·8
...	31·218	+ 8·060	0·80	42·3961	10·3
*	31·223	+27·808	1·00	42·3960	10·0
...	31·337	+14·032	− 5	m	...
...	31·480	−43·438	− 5	m	...
801					
...	+31·553	−46·205	− 2	...	...
...	31·587	−32·489	1·00	43·3942	10·2
..	31·594	+ 5·417	− 4	m	...
..	31·642	+17·367	− 4	m	...
*	31·904	+ 9·731	1·05	42·3962	9·8
...	+32·051	− 2·629	− 5	m	..
...	32·052	−37·510	− 5	m	.
...	32·064	−47·357	− 3	...	...
*	32·702	−35·602	1·00	43·3944	9·9
...	32·767	−33·667	− 3	...	...
811–870					
811					
	+32·803	+15·450	− 5	m	...
...	32·891	+36·073	− 5	m	...
...	32·937	−13·049	0·75	43·3945	10·4
	32·985	−24·587	− 3	...	...
...	33·153	−25·593	− 5	m	...
*	+33·263	+52·396	1·10	42 3963	9·6
...	33·357	−24·557	− 5	...	...
..	33·372	−32·283	− 4	..	...
	33·457	−44·621	− 5		
...	33·470	−45·748	0·70		...
821					
...	+33·579	+19·547	− 3		...
S *	33·581	+ 5·934	1·65	42·3964	8·9
.	33·649	+23·390	− 5	m	...
.	33·679	− 5·215	− 4	m	...
.	33·712	−30·373	0·90	43·3946	10·2
.	+33·714	−32·762	0·90	43·3947	10·4
.	33·762	−46·219	− 3	...	...
*	33·834	−34·344	1·00	43·3948	10·0
...	33·871	+19·252	− 5	m	..
...	33·903	−30·047	− 5	m	...
831					
...	+33·914	− 0·154	− 4	m	...
...	34·119	−49·575	− 4	...	...
...	34·149	−18·542	− 5	m	.
S *	34·306	+52·413	1·15	42.3965	9·4
...	34·315	−25·675	− 5	m	...
...	+34·727	−35·077	0·90	43·3949	10·2
...	35·002	+11·973	− 5	m	...
.	35·014	+55·135	− 5	..	...
	35·056	+16·580	− 5	m	...
...	35·228	+43·974	− 4	...	...
841					
	+35·356	−16·910	− 2		
...	35·645	−19·098	− 1	.	.
..	36·014	−31·837	0·80	43·3950	10·4
...	36·027	+40·503	− 5	m	...
	36·125	+33·106	− 5	m	.
...	+36·202	− 5·947	− 4	...	.
.	36·214	+ 4·166	0·80	42.3967	10·3
*	36·297	−35·458	1·10	43·3951	9·8
.	36·424	−16·019	− 3	h	...
...	36·488	+55·290	0·75	41·3950	10·3
851					
...	+36·610	+51·671	0·90	42.3966	10·2
.	36·662	− 3·936	0·90	42.3968	10·3
*	36·679	−35·115	1·05	43·3952	9·8
..	37·091	+11·590	0·70	42.3969	10·3
*	37·146	−26·890	1·20	43·3953	9·4
...	+37·228	−49·318	0·65	...	.
..	37·257	+51·528	− 4	...	...
..	37·315	+ 8·572	− 4	m	..
*	37·343	−58·546	1·60	43·3955	9·3
..	37·357	− 8·196	− 4	m	...
861					
.	+37·488	−24·128	0·80	43·3954	10·4
.	37·646	−21·737	− 3	..	...
...	37·678	−10·754	− 5	m	.
	37·836	+26·490	− 5	m	...
...	37·948	−33·959	0·90	43·3956	10·4
	+38·033	−25·448	− 5	m	
...	38·059	−23·911	− 5	m	...
..	38·426	−16·227	− 2	...	..
..	38·436	−27·344	− 5	...	...
...	38·545	−25·972	− 5	m	...
871–930					
871					
...	+38·557	− 2·741	− 4	m	...
.	38·580	−47·153	− 1	...	...
..	38·583	−14·771	− 4	m	...
.	38·588	−32·858	0·75	...	...
..	38·670	+ 3·050	0·70	42.3970	10·2
...	+38·708	+22·684	− 5	m	...
.	38·743	+ 3·164	− 3	b	...
..	38·861	−26·563	0·70	...	...
...	38·982	−21·267	− 2	...	...
...	39·6 3	−16·821	− 3	...	...
881					
...	+39·633	+ 2·430	− 5	m	...
...	39·679	−34·299	− 5	m	...
	39·895	+42·326	1·00	42.3971	9·7
...	39·987	+52·228	− 5	...	...
...	40·239	+12·644	− 5	...	...
..	+40·565	+ 1·073	− 4	m	...
*	40·767	+ 8·737	0·95	42.3973	10·2
...	40·832	+49·118	0·95	42.3972	10·3
...	40·906	−10·180	− 5	m	...
...	40·995	−57·813	− 1	43·3958	10·2
891					
...	+41·409	+ 5·634	− 2	..	...
...	41·736	−26·377	− 5		...
...	41·909	− 5·389	0·65		.
...	41·916	−15·579	0·80		
...	41·917	−12·729	− 5	m	...
...	+41·938	+38·662	− 5	m	...
*	41·956	+42·712	1·10	42.3974	9·4
...	41·993	−42·494	− 4	.	...
...	42·066	+27·481	− 3		. .
...	42·096	+10·960	0·70	...	...
901					
...	+42·284	+36·608	− 3	...	...
†	42·348	−58·822	1·50	43.3960	9·5
	42·686	−22·827	0·70	...	...
...	42·723	−45·034	0·95	43.3961	10·1
.	42·892	+16·228	− 5	m	...
..	+42·943	− 2·388	− 5	m	...
.	43·046	−25·996	0·90	43.3962	10·4
..	43·113	+18·126	− 5	...	...
.	43·191	+24·703	0·95	42.3975	10·3
...	43·281	− 8·113	− 5	m	...
911					
	+43·395	+54·669	− 1	41.3955	10·0
..	43·559	−46·824	− 2	43·3963	10·4
...	43·751	−49·009	− 5	..	...
...	44·035	− 7·524	− 5	m	...
..	44·066	− 0·805	0·70	...	...
.	+44·181	+37·762	− 4	...	...
†	44·197	− 0·041	0·65	a	...
..	44·429	+ 5·207	− 5	m	...
*	44·680	+42·499	1·05	42.3976	9·7
*	44·700	−27·711	1·00	43.3964	9·8
921					
†	+44·734	−29·756	− 5	m	...
...	44·928	+21·372	− 5	m	...
..	45·024	−49·000	− 5	...	...
..	45·029	+52·181	− 1	42.3977	10·3
..	45·069	− 9·303	− 5	m	
...	+45·074	− 0·679	− 5	m	...
...	45·500	−31·797	− 5	m	...
*	45·849	+10·663	2·00	42.3978	8·2
...	45·878	− 0·230	− 5	m	...
...	46·048	−20·570	0·70	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
931–970					
931				°	
*	+46·114	−38·796	1·00	43.3965	10·0
	46·125	−15·978	0·70	...	...
...	46·275	− 6·297	− 4	*m*	...
...	46·278	−25·518	− 5	*e*	...
...	46·320	−47·848	1·00	43.3966	10·0
	+46·497	+42·017	1·00	42.3979	10·3
	46·691	+ 9·155	− 5	*m*	...
†	46·708	−54·810	1·15	43.3968	9·8
...	46·714	+36·334	− 5	...	...
...	46·839	+13·710	0·75	...	...
941					
*	+46·931	− 9·519	1·00	42.3981	9·4
	46·943	−32·632	0·90	43.3967	10·2
†	46·954	+24·872	− 4	...	...
	47·229	+42·459	− 5	...	...
	47·328	−22·494	0·85	43.3969	10·4
	+47·543	+35·643	1·00	42.3980	10·3
*	47·795	−59·112	1·20	43.3970	9·6
	47·866	− 5·832	− 3	*m*	...
	47·921	+ 8·177	− 5	*m*	...
...	47·961	− 9·210	− 5	*m*	...
951					
	+48·001	−23·558	− 3	...	...
	48·050	−35·336	− 4	...	...
	49·343	+41·985	− 4	...	...
	49·521	−32·083	− 2	...	...
	49·574	+21·620	− 2	...	...
...	+49·684	− 6·491	0·90	42.3982	10·3
...	50·118	− 5·153	− 5	*e*	...
*	50·233	+56·724	1·20	41.3963	9·6
	50·336	−56·042	− 4	...	...
...	50·537	−35·692	− 5	*m*	...
961					
	+50·624	−10·903	− 2	...	...
	50·667	− 2·122	− 5	*e*	...
	50·785	+38·281	− 4	*m*	...
*	51·041	+ 7·685	1·25	42.3983	9·2
...	51·480	−34·550	− 4	*e*	...
*	+51·606	−27·153	1·10	43.3971	9·4
	51·635	+35·683	− 5	*m*	...
...	51·658	−17·901	− 5	*e*	...
...	52·054	+10·870	− 5	*m*	...
	52·077	−50·761	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
971–1010					
971				°	
S *	+52·240	−47·658	1·35	43.3973	9·0
...	52·286	+ 4·323	− 5	*m*	...
...	52·308	−24·882	0·70	...	...
S *	52·438	− 6·406	1·75	42.3986	8·4
...	52·468	−23·963	− 3	...	...
*	+52·499	− 9·911	0·95	43.3972	10·2
...	52·553	−27·266	− 4	*e*	...
...	52·561	+29·539	0·95	42.3984	10·0
...	52·848	−48·382	− 4	...	...
...	53·029	−46·840	− 5	*m*	...
981					
*	+53·198	+30·822	1·25	42.3987	9·2
...	53·267	+46·601	0·95	42.3985	10·0
...	53·353	+ 7·835	− 3	*e*	...
...	53·434	−19·816	0·90	43.3974	10·2
...	53·480	− 0·831	− 3	*e*	...
...	+53·485	−46·431	− 5	*m*	...
...	53·509	−55·576	− 4	43.3975	10·4
S *	53·643	+36·050	2·00	42.3988	8·5
...	53·650	− 2·338	0·95	42.3991	10·0
...	53·731	−52·363	1·00	43.3976	10·0
991					
...	+54·031	−31·545	− 5	*m*	...
...	54·091	−24·731	− 3	...	...
...	54·286	+35·613	0·75	42.3989	10·2
...	54·321	− 2·772	− 5	*m*	...
	54·433	+48·485	1·05	42.3990	9·8
...	+54·434	+41·570	1·60	42.3992	9·1
...	54·466	−37·220	− 5	*e*	...
...	54·687	+20·791	− 4	...	...
	54·855	+39·353	− 4	...	...
...	54·877	+ 8·934	− 4	*e*	...
1001					
...	+54·972	+38·174	− 5	*e*	...
	55·144	+ 8·883	− 4	*e*	...
	55·409	+10·115	− 5	*e*	...
...	55·520	+11·300	− 5	*m*	...
	55·530	−53·849	− 5	...	...
	+55·626	+16·955	− 1	...	...
...	55·708	+37·550	0·75	42.3993	10·3
	55·907	−34·715	− 5	*e*	...
...	56·014	+54·486	− 4	41.3970	10·3
†	56·053	+14·961	− 4	*e*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1011–1038					
1011				°	
...	+56·165	−35·980	− 5	...	...
	56·278	−11·924	− 5	*e*	...
*	56·431	+31·358	1·00	42.3994	9·8
...	56·696	−13·266	0·80	43.3979	10·4
*	56·765	−50·695	1·15	43.3980	9·8
...	+56·814	+ 7·489	− 5	*m*	...
†	56·919	+44·842	− 3	42.3995	10·3
...	57·150	+15·273	− 5	*m*	...
...	57·387	−19·063	− 5	...	...
...	57·449	−34·384	− 5	*m*	...
1021					
...	+57·532	−12·928	− 5	*m*	...
	57·602	+ 5·101	0·85	42.3997	10·3
...	57·612	−45·253	− 5	*m*	...
	57·789	+47·007	− 2	42.3996	10·3
	57·794	−59·272	− 1	43.3982	10·2
...	+57·848	+ 8·228	− 5	*e*	...
	58·198	−19·689	− 5	*e*	...
...	58·284	−49·142	0·75	43.3984	10·2
...	58·359	+ 0·485	− 3	...	...
S *	58·353	−36·252	2·05	43.3983	8·6
1031					
*	+58·399	−15·338	1·00	43.3981	10·0
	58·831	−16·779	− 5	*e*	...
...	58·910	−57·109	− 4	...	...
...	58·995	+15·453	− 5	*e*	...
...	59·205	−27·025	− 5	*m*	...
...	+59·417	+32·657	− 5	...	...
	59·467	−43·600	0·70	43.3985	10·4
	59·496	−15·597	− 3	*e*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–10					
1				°	
†	−59·700	−35·491	− 5	...	...
	59·450	− 3·284	− 5	E	...
	59·312	− 0·186	− 5	M	...
	59·210	−33·123	− 3	...	...
...	59·[illegible]	− 2·247	− 5	E	...
*	−58·908	[illegible]	1·30	42.3983	9·2
	58·757	−11·028	− 2	...	...
	58·037	+29·443	0·95	42.3984	10·0
...	57·865	+46·522	0·95	42.3985	10·0
...	57·702	−56·174	− 5	...	...
11–20					
11				°	
	−57·518	−17·978	− 5	E	...
*	57·445	[illegible]	1·45	42.3987	9·2
*	57·[illegible]	−27·236	1·20	43.3971	9·4
...	57·[illegible]	−34·63[illegible]	− 5	E	...
S	57·149	+35·993	2·05	42.3988	8·5
S	−57·089	− 6·481	1·05	42.3986	8·4
†	56·941	− 9·979	0·95	43.3972	10·2
	56·740	+48·444	1·00	42.3990	9·8
...	56·613	+ 7·775	− 3	E	...
	56·551	−24·021	− 4	...	...
21–30					
21				°	
	−56·540	−29·961	− 3	...	...
*	56·528	+41·530	1·80	42.3992	9·1
...	56·507	+35·570	− 1	42.3989	10·2
	56·411	−27·336	− 5	E	...
...	56·137	−38·823	− 3	...	...
	−56·051	+39·329	− 5	...	...
S *	56·051	−47·715	1·55	43.3973	9·0
	56·050	− 6·873	− 2	E	...
	56·013	− 2·374	1·00	42.3991	10·0
...	55·885	+38·052	− 5	E	...

[illegible] Limits of R.A. 1, 77, 186, 288, 398, 495, 594, 684, 793, 882, 982, 1084.
[illegible] 40, 136, 229, 354, 448, 541, 646, 735, 836, 935, 1033, 1116.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
31 90					
31				°	
...	−55·833	+26·759	−5	...	...
...	55·704	−19·850	0·90	43·3974	10·2
...	55·437	−48·414	−5	...	..
...	55·333	+54·472	−4	41·3970	10·3
...	55·328	− 2·788	−5	M	...
...	−55·136	+37·555	−1	42·3993	10·3
...	55·129	+ 8·917	−3	E	.
...	54·892	−24·742	−4	...	..
...	54·867	+ 8·875	−4	E	...
...	54·617	+10·126	−5	E	...
41					
...	−54·599	+16·970	−1	...	...
...	54·568	−55·593	−3	43·3975	10·4
...	54·454	−52·367	1·00	43·3976	10·0
*	54·226	+31·374	1·00	42·3994	9·8
...	54·156	−37·214	−5	E	...
†	−54·137	+44·865	−3	42·3995	10·3
†	54·131	+14·999	−5	E	...
...	53·348	+47·068	−3	42·3996	10·3
...	53·101	−11·881	−5	E	...
...	52·961	− 2·625	−5	M	...
51					
.	−52·792	−34·666	−5	E	...
...	52·630	−13·209	0·80	43·3979	10·4
...	52·607	−53·811	−5	...	...
...	52·503	−35·919	−5	...	...
...	52·267	+ 5·179	0·85	42·3997	10·3
...	−52·110	+ 8·311	−5	E	...
...	51·768	+20·019	−5	M	...
...	51·768	−18·977	−5	...	...
...	51·740	− 0·786	−5	M	...
*	51·451	−50·611	1·15	43·3980	9·8
61					
...	−51·399	+ 0·591	−3	...	...
...	51·277	+32·767	−4	...	...
...	51·214	+15·569	−5	E	...
...	50·947	−19·585	−5	E	...
*	50·874	−15·225	1·00	43·3981	10·0
...	−50·495	+47·715	1·00	42·3998	9·8
...	50·432	+36·972	−5	...	...
...	50·395	−16·647	−5	E	...
...	50·339	+49·591	−5	M	...
S *	50·289	−36·128	2·10	43·3983	8·6
71					
...	−50·271	+48·691	−5	...	...
*	50·189	+51·569	1·25	42·3999	9·4
...	50·175	−59·166	0·65	43·3982	10·2
.	50·138	−37·573	−5	...	...
...	49·981	−40·015	0·70	43·3984	10·2
...	−49·926	+12·601	−2	...	...
†	49·751	−15·444	−5	E	...
†	49·698	− 4·931	0·85	...	...
..	49·414	+34·102	−5	M	...
*	49·122	+ 1·202	1·15	42·4000	9·4
81					
...	−49·113	−56·969	−4	...	...
...	48·971	−43·443	0·85	43·3985	10·4
...	48·922	+49·078	−5	M	...
*	48·752	+21·300	1·25	42·4001	9·2
...	48·708	− 4·167	−4	M	...
...	−48·609	−32·939	−5	...	...
...	48·531	+28·144	−3	...	...
...	48·380	+ 1·767	−1	...	...
*	48·363	+15·250	1·05	42·4002	9·4
*	48·334	−41·853	1·15	43·3986	9·9
91 150					
91				°	
...	−48·208	−57·061	−4	...	.
*	48·163	+49·965	1·40	42·4003	9·6
†	48·058	−24·953	−5	M	...
..	47·958	−17·179	−4	M	...
...	47·928	+14·675	−5	M	...
...	−47·657	+12·411	1·00	42·4004	10·2
..	47·447	−52·345	1·00	43·3988	10·0
†	47·404	+39·945	−5	...	..
...	47·327	−45·621	1·00	43·3989	10·0
...	47·206	−41·794	−5	...	...
101					
...	−47·102	− 4·911	−4	...	...
...	47·082	−29·658	0·95	43·3990	10·2
...	46·780	−18·239	−4	M	...
*	46·777	−10·165	1·00	43·3991	10·0
...	46·760	−29·005	−3	...	...
..	−46·749	+40·166	−3	...	...
*	46·635	+51·278	1·20	42·4007	9·8
...	46·582	+ 7·645	0·85	...	...
*	46·581	+14·325	1·25	42·4006	9·4
a	46·575	− 0·335	0·95	42·4005	10·3
111					
...	−46·421	+25·113	−3	...	...
*	46·369	+56·852	1·90	41·3979	9·2
†	46·278	+39·957	1·00	42·4008	10·2
*	46·131	−22·059	1·00	43·3992	9·8
...	46·084	− 9·742	−5	M	...
...	−45·998	+15·166	0·70	...	...
...	45·825	+32·037	−2	...	...
...	45·624	−48·716	−3	43·3993	10·4
...	45·616	−25·823	−4	...	...
..	45·611	−31·188	−5	M	...
121					
*	−45·589	+12·236	1·25	42·4009	9·2
...	45·276	− 5·966	−5	M	...
...	45·182	− 5·254	−5	M	...
...	45·127	−11·256	−5	M	..
*	45·029	+56·895	2·20	41·3980	9·0
*	−45·020	−25·337	1·00	43·3994	10·2
...	44·992	−34·397	−3	...	...
..	44·972	−42·209	−5	...	...
‡	44·827	+ 5·748	1·25	42·4010	9·2
...	44·710	−39·180	−3	...	...
131					
..	−44·637	+19·168	0·90	42·4011	10·3
.	44·587	−30·915	−5	M	...
...	44·537	−15·258	−4	M	...
...	44·512	−53·208	−5	M	...
...	44·404	+17·146	0·95	42·4012	10·0
..	−44·290	−20·182	0·65	...	...
..	44·150	−19·482	−5	M	
...	44·004	− 3·076	−5	M	...
...	43·974	−26·074	−2	...	..
...	43·890	−55·248	−3	...	
141					
...	−43·787	−58·943	−2	43·3995	10·4
...	43·755	+37·873	−5	M	...
...	43·736	+29·469	−4	...	...
‡	43·678	+10·006	1·00	42·4013	9·9
..	43·527	−56·338	−3	...	...
...	−43·458	− 0·094	−5	M	...
*	43·415	−16·449	1·20	43·3996	9·4
...	43·392	− 4·568	−1	...	...
..	43·372	+35·902	−4	...	...
...	43·091	−10·218	−5	M	...
151 210					
151				°	
..	−43·081	−12·117	−3	M	...
.	43·061	−51·716	−4	...	.
...	43·044	−11·428	−3	M	...
..	42·764	−41·831	0·95	...	...
*	42·412	+23·991	1·70	42·4014	8·6
..	−42·278	−26·691	−5	M	...
...	42·155	−57·623	−1	43·3998	10·2
...	42·104	−33·398	0·80	43·4000	10·4
*	42·095	+29·757	1·05	42·4015	9·6
...	41·991	−16·331	−5	M	...
161					
...	−41·973	−37·795	−4	...	...
*	41·686	−24·486	1·05	43·4003	10·0
..	41·681	−58·867	−2	43·3999	10·4
..	41·654	+55·022	−4	...	...
...	41·601	−55·236	1·00	43·4001	10·0
...	−41·524	−36·351	−5	M	...
..	41·505	+42·241	−2	...	...
*	41·276	−17·959	1·00	43·4006	9·8
...	41·271	−22·494	0·90	43·4005	10·2
...	41·158	−40·436	0·95	43·4004	10·2
171					
...	−41·147	−23·594	−5	M	.
.	40·876	−41·048	−5	M	..
...	40·838	+28·992	0·80	...	
...	40·831	− 4·182	−5	M	...
*	40·711	+ 9·125	0·95	42·4016	10·0
...	−40·708	+26·027	−5	M	...
...	40·703	−39·955	−5	M	...
*	40·668	+22·707	1·00	42·4017	9·8
...	40·500	+27·626	0·90	42·4018	10·3
...	40·431	+12·794	0·70	...	...
181					
..	−40·377	− 8·579	−4	M	...
...	40·253	−34·496	0·80	...	...
*	40·138	− 3·847	1·30	42·4019	9·2
...	40·043	+11·450	−5	M	...
...	39·949	+37·668	−3	...	...
†	−39·846	+33·966	−1	...	...
†	39·766	−41·078	−5	...	...
...	39·711	− 0·173	0·80	a	...
..	39·614	−30·802	−5	M	...
...	39·592	−19·205	−5	M	...
191					
..	−39·463	− 2·474	0·70	...	...
...	39·421	+38·893	−4	M	..
...	39·301	−41·441	−5	...	...
...	39·276	−36·425	−3	...	...
...	39·240	− 7·238	−2	B	
...	−39·212	−31·095	−5	M	..
...	39·211	+ 2·660	0·90	...	...
*	39·146	− 8·244	2·00	43·4008	8·8
...	39·115	−23·459	−5	M	.
...	38·935	+11·302	−5	M	..
201					
...	−38·924	−20·761	−3	...	...
..	38·921	−40·963	−5	M	...
...	38·828	−28·940	−5	...	.
...	38·709	− 8·601	0·85	43·4009	10·2
..	38·487	−29·381	−5	M	...
...	−38·316	−40·625	−5	...	...
...	38·234	−55·268	−5	M	...
*	37·967	−16·140	1·45	43·4010	9·0
..	37·660	−27·028	−2	...	...
...	37·424	+16·876	0·90	42·4020	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
211–270					
211					
...	−37·313	+ 0·355	− 5	M	...
	37·240	−26·560	− 2	...	
...	37·143	+ 32·881	− 3	A	...
	37·069	− 0·269	− 5	M	...
.	37·026	+18·667	0·70	...	...
	−36·911	+36·080	− 1	...	...
	36·381	+54·291	1·00	41.3997	10·0
	36·326	+22·898	− 5	M	...
...	36·025	+ 17·239	0·65		...
	35·44[illegible]	−47·607	− 5	...	.
221					
	−35·447	−53·680	− 5	...	...
...	35·411	−41·584	0·90	43.4011	10·2
.	35·362	+ 2·645	− 5	M	...
	35·34[illegible]	−55·746	1·05	43.4012	10·0
.	35·319	−33·526	− 5	M	...
...	−35·[illegible]	−26·024	− 2	...	..
..	35·[illegible]21	−17·3[illegible]	− 5	M	...
...	35·014	−30·730	0·95	43.4013	10·2
†	34·797	+17·950	0·80	42.4021	10·3
...	34·603	− 0·890	− 5	M	.
231					
	−34·595	+21·425	− 4	M	
.	34·532	−38·969	− 3	A	.
..	34·465	−12·24[illegible]	− 5	M	...
	34·39[illegible]	+36·180	0·85	...	..
.	34·3[illegible]	+57·536	− 4	...	...
...	−34·246	+ 2·418	− 5	M	..
.	34·203	+ 0·177	− 5	M	...
*	33·931	+14·455	1·00	42.4022	9·9
	33·927	−28·546	− 4	..	...
*	33·888	−12·357	1·00	43.4014	9·9
241					
...	−33·8[illegible]	+58·932	− 5	..	...
...	33·76[illegible]	−34·060	− 5	M	
...	33·601	−11·717	− 5	M	...
...	33·575	+ 1·696	0·75	...	
	33·518	− 5·317	0·70	.	
	−33·421	− 1·688	− 5	M	...
	33·321	+48·219	− 5	.	
	33·21[illegible]	+28·889	− 3		...
	33·17[illegible]	+29·292	− 5	M	.
*	33·125	−28·159	1·00	43.4015	9·9
251					
	−33·102	+ 52·4[illegible]	1·00	42.4023	10·0
...	33·028	+19·512	− 4	M	..
...	32·983	+28·605	− 4	M	...
*	32·928	−13·200	2·50	43.4016	8·3
	32·[illegible]97	−44·725	− 5	...	...
*	−32·650	−52·179	1·20	43.4017	9·5
†	32·548	−49·[illegible]37	− 5	.	
	32·486	− 2·163	− 5	M	
...	32·214	−34·39[illegible]	− 5	M	
	32·182	−48·294	− 1	.	
261					
...	−32·[illegible]55	−45·612	− 5	M	
..	32·027	−57·[illegible]0	2·05	43.4018	10·4
	31·[illegible]97	− 2·225	0·75	42.4024	10·3
	31·803	+35·374	− 4	...	
	31·[illegible]64	+ 7·329	− 3	A	
...	−31·726	−46·066	− 5	M	...
*	31·679	−43·25[illegible]	1·10	43.4019	9·8
...	31·[illegible]10	−55·243	− 4	...	...
...	31·620	−11·388	− 5	M	
.	31·544	−30·040	− 5	M	
271–330					
271					
...	−31·490	−59·369	− 3	...	..
.	31·438	+14·886	− 5	M	...
...	31·316	−29·002	− 5	M	...
...	31·253	+ 34·335	0·80	42.4025	10·3
...	31·178	−10·412	− 3	B	.
..	−31·091	−28·758	− 5	M	.
...	31·030	−16·828	− 2	...	..
*	30·586	−40·797	1·10	43.4020	9·6
.	30·586	−42·974	− 4	...	...
...	30·548	−39·041	− 3	.	...
281					
...	−30·500	+39·806	− 5	.	...
	30·384	−49·503	− 5	..	...
..	30·350	− 2·318	− 5	M	..
.	30·085	+23·342	− 5	M	...
..	30·069	−32·221	− 2	...	...
..	−29·962	+17·790	− 4	M	...
†	29·903	−35·528	− 4	...	...
†	29·806	−49·644	− 5	..	...
..	29·785	+ 29·294	− 4	M	..
..	29·748	+ 1·482	0·75	...	..
291					
...	−29·685	+ 4·332	− 5	M	..
...	29·677	−58·5[illegible]	1·05	43.4021	10·0
...	29·657	+29·863	0·90	42.4027	10·2
.	29·638	− 2·932	1·00	42.4026	10·0
...	29·610	− 3·751	− 5	M	..
...	−29·551	−33·532	0·80	...	
.	29·512	−35·563	− 5	M	.
.	29·353	+ 30·191	0·90	42.4028	9·6
*	29·290	+30·105	1·00		
.	29·213	− 5·39[illegible]	− 5	M	...
301					
...	−29·042	−57·535	− 3	43.4022	10·4
...	28·905	−44·121	− 4	..	...
	28·750	−22·247	− 3	...	..
	28·680	−43·25[illegible]	− 3	...	.
*	28·670	+23·972	1·00	42.4029	9·9
	−28·604	+ 8·776	− 5	M	...
	28·513	− 0·907	1·15	42.4030	9·4
	28·465	−57·9[illegible]	− 5	M	..
	28·355	−11·698	0·80	.	.
...	28·319	+32·344	− 3	...	
311					
	−28·317	−43·443	− 5		
	28·161	+43·035	− 3		...
*	28·124	− 0·918	1·20	42.4031	9·2
...	28·107	+20·507	− 5	M	...
	28·025	−25·896	0·90	43.4023	10·4
.	−27·992	−25·423	0·90	43.4024	10·4
...	27·985	+ 7·089	0·70	...	...
..	27·908	+ 9·163	− 5	M	
...	27·873	−55·435	− 5	...	..
...	27·822	−12·714	− 5	M	
321					
*	−27·812	+27·727	1·15	42.4032	9·4
	27·800	−43·101	− 5	...	...
	27·696	−17·158	− 3	...	...
	27·646	−59·667	− 3	43.4025	10·4
...	27·[illegible]7	−29·693	− 5	M	...
	−27·222	−42·454	1·00	43.4026	10·2
...	27·205	−10·373	− 3	M	...
*	27·193	+22·455	1·00	42.4033	9·8
	27·140	−16·600	− 3	M	...
...	27·130	+48·922	1·00	42.4034	9·8
331–390					
331					
...	−27·110	+25·099	0·75	...	...
...	27·072	−17·007	− 2	B	...
...	27·036	+28·812	0·65	...	...
†	27·028	−19·891	0·80	43.4028	10·4
*	26·957	− 6·928	1·00	43.4029	9·9
...	−26·913	− 8·413	− 5	M	...
...	26·824	−47·822	− 3	...	...
...	26·796	−17·830	0·70	..	...
...	26·744	+ 0·861	− 5	M	...
..	26·679	−20·295	− 4	M	...
341					
...	−26·538	+25·781	0·85	42.4035	10·3
...	26·514	− 9·868	0·70	...	...
...	26·293	+ 1·827	− 5	M	..
...	26·291	−20·132	0·75	...	..
...	26·132	+51·969	− 3	.	.
...	−26·075	+26·177	− 5	M	...
...	25·923	+ 11·381	− 3	M	...
*	25·742	+22·187	1·00	42.4036	9·9
...	25·622	+ 1·387	− 5	M	...
...	25·535	+20·217	0·90	42.4037	10·3
351					
...	−25·526	−28·089	− 5	M	...
...	25·361	− 9·852	0·80	...	...
†	24·977	−21·608	1·00	43.4030	9·6
..	24·677	−28·417	− 5	M	...
	24·616	+10·027	1·00	42.4038	9·7
.	−24·470	+33·723	− 1	...	...
	24·462	+15·350	− 5	M	...
.	24·409	+40·799	− 5	M	
.	24·361	−13·367	− 5	M	.
...	24·344	+ 15·706	− 3	...	
361					
	−24·238	+41·866	− 5	M	...
.	24·129	+ 54·455	0·85	41.4010	10·3
	24·118	+44·377	− 4	..	...
...	24·[illegible]0	+50·162	1·00	42.4039	10·0
	24·039	−24·482	− 4	...	...
.	−23·947	−19·279	− 3	..	...
*	23·422	− 2·896	1·00	42.4040	10·2
.	23·256	+40·282	− 2	...	...
...	23·182	−44·186	− 2	...	...
.	23·132	+59·726	1·00	41.4012	9·9
371					
.	−22·868	+14·246	− 4	M	...
...	22·756	−36·065	0·80	43.4031	10·4
†	22·691	+ 39·854	0·70	42.4041	10·3
...	22·601	+10·875	− 4	M	...
...	22·330	+38·025	− 5	M	...
*	−22·287	−58·[illegible]13	1·00	43.4032	10·0
...	22·263	+ 9·[illegible]72	− 4	M	
.	22·199	−52·204	− 5	M	..
	22·101	−31·886	− 4	...	...
...	21·931	− 9·10[illegible]	− 2	B	...
381					
	−21·870	−56·903	− 5	M	...
	21·858	+38·423	− 5	M	...
...	21·822	+21·754	− 5	M	..
	21·751	−30·841	− 4	M	...
†	21·746	+ 13·012	− 4	M	..
	−21·663	+50·820	− 5	M	...
..	21·645	+17·915	− 4	M	...
	21·584	−46·104	− 3	...	...
..	21·331	− 5·310	− 5	M	..
.	20·858	+ 9·5[illegible]2	− 5	M	.

391 450

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
391					
...	−20·751	+11·729	− 5	M	...
...	20·598	− 0·652	− 5	B	...
...	20·393	−43·162	0·90	43.4033	10·4
...	20·361	+13·495	0·90	42.4042	10·3
...	20·345	−13·528	− 5	M	...
...	−20·118	−37·930	− 5	M	...
...	20·101	−39·244	− 5	M	...
...	19·800	+17·835	− 3	A	...
...	19·697	−43·330	0·90	43.4034	10·4
...	19·612	+ 7·262	− 3	...	...
401					
.	−19·480	+ 8·767	− 3	B	..
...	19·310	+52·131	− 5	M	.
...	19·310	−30·964	0·70	...	
...	18·943	+59·224	− 5	...	...
..	18·931	+41·495	− 3	...	...
...	−18·801	+58·401	− 5	...	...
*	18·737	−35·162	1·25	43.4036	9·4
...	18·649	+27·319	− 3	A	
...	18·596	+ 4·427	− 3	M	...
...	18·575	+58·248	− 5	...	...
411					
...	−18·559	+49·202	− 3	...	...
...	18·544	−34·747	0·90	43.4037	10·2
...	18·508	−23·474	0·90	43.4038	10·4
...	18·448	− 3·529	0·70	A	...
...	17·957	+37·551	− 5	M	..
...	−17·709	−55·102	− 5	...	...
...	17·586	+16·137	− 5	M	...
*	17·560	+ 0·575	1·00	42.4043	9·8
...	17·536	+26·538	0·80	42.4044	10·3
...	17·407	− 9·741	− 4	M	..
421					
...	−17·366	+17·962	− 5	M	
...	17·351	−44·959	0·65	...	...
...	17·307	+30·549	− 5	M	.
...	17·240	− 1·869	− 1	B	
.	17·188	− 8·631	− 4	M	...
...	−17·159	−47·619	− 4	...	
	16·914	−38·651	− 5	M	..
...	16·642	−18·867	0·85	43.4039	10·4
...	16·426	− 5·394	0·80	...	...
*	16·381	−17·878	1·00	43.4041	9·6
431					
...	−16·305	+ 2·616	0·90	42.4045	10·3
*	16·220	−31·987	1·00	43.4040	9·6
..	16·203	+36·198	0·75	42.4046	10·3
...	16·139	−50·657	− 4	M	...
†	15·902	+59·786	1·00	41.4019	9·8
	−15·449	−46·184	− 5	M	...
...	15·447	+37·419	− 3	A	...
..	15·437	+ 4·419	− 4	M	..
...	15·349	−31·016	0·90	43.4042	10·4
...	15·344	−30·118	0·70	...	...
441					
...	−15·292	− 9·606	0·85	...	...
...	15·218	+ 4·080	− 3	M	...
†	15·199	− 4·913	0·90	42.4047	9·8
S *	15·191	+12·581	1·90	42.4048	8·8
...	15·156	−51·987	0·90	43.4043	10·2
...	−15·152	+25·819	0·70	...	...
†	14·972	−13·222	− 5	M	...
...	14·721	−29·224	− 5	M	...
*	14·677	−16·470	1·00	43.4044	10·0
...	14·562	−33·522	− 5	M	...

451–510

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
451					
...	−14·416	+35·748	0·70	42.4049	10·3
.	14·357	+51·023	− 5	M	...
..	14·301	−35·858	− 5	M	..
.	14·191	+30·316	− 5	M	..
	14·098	+56·642	− 5	M	...
..	−14·095	− 9·377	− 5	M	.
...	14·037	− 0·946	− 3	M	...
...	13·984	− 2·401	− 5	M	...
...	13·960	+48·878	− 5	M	...
...	13·819	− 3·718	− 4	M	..
461					
...	−13·819	− 8·355	− 4	M	...
...	13·437	+16·635	− 5	M	...
	13·361	−34·805	1·00	43.4045	9·5
*	13·260	+52·917	2·00	42.4050	8·4
*	13·181	−29·640	1·00	43.4046	9·8
	−12·852	+28·966	− 5	M	..
..	12·753	− 7·565	− 5	M	..
..	12·719	−27·092	− 5	M	..
...	12·478	−19·123	0·70	..	...
...	12·477	+42·302	− 4	..	..
471					
..	−12·392	+ 9·398	− 4	M	.
..	12·367	+11·071	− 4	M	...
...	12·340	−25·483	0·70	43.4047	10·4
*	12·325	+10·097	0·90	42.4051	10·0
...	12·288	− 6·217	0·70	A	
...	−12·177	− 7·273	− 2	...	...
...	12·164	− 0·077	− 4	M	..
...	11·954	−40·062	0·90	43.4048	10·2
...	11·896	+38·081	− 4	M	...
...	11·854	−13·377	− 4	M	...
481					
...	−11·803	+59·608	− 5	..	.
..	11·754	+18·106	0·90	42.4052	10·0
	11·636	+ 4·657	− 5	M	..
...	11·581	−25·777	− 5	M	...
..	11·399	+54·446	− 5		..
	−11·371	−11·445	− 5	M	...
...	11·266	+32·848	0·70	...	...
*	10·931	+41·269	1·10	42.4053	9·6
.	10·837	−18·678	− 2	A	...
...	10·782	+ 6·268	− 5	M	...
491					
...	−10·759	+20·875	− 3	M	...
	10·644	−55·089	1·00	43.4049	10·1
†	10·385	+24·973	− 5	M	...
	10·045	−17·681	− 2	...	.
	9·847	−40·017	− 5	M	..
*	− 9·803	+14·170	1·00	42.4054	9·9
...	9·775	+40·432	− 5	...	.
...	9·520	−55·783	− 5	...	
...	9·419	+ 3·999	− 3	M	...
...	9·321	−37·935	− 5	M	..
501					
..	− 9·318	− 4·495	− 5	M	..
...	9·307	−50·601	0·95	43.4050	10·2
...	9·188	− 4·385	0·70	D	
...	9·146	+49·527	− 5	M	.
..	9·125	−13·177	− 5	M	..
...	− 8·908	−15·180	− 4	M	..
..	8·711	− 0·528	− 3	M	
..	8·658	− 7·709	0·70	A	...
...	8·449	+ 7·577	− 4	M	
S *	8·342	+27·916	1·15	42.4055	9·2

511 570

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
511					
	− 8·328	−56·484	− 2	...	..
	8·321	+26·007	− 4	M	...
*	7·949	+13·797	0·95	42.4056	9·8
.	7·905	−15·237	− 5	M	...
..	7·871	+16·206	0·70	...	...
*	− 7·436	− 1·783	1·00	42.4057	9·6
..	7·391	−36·035	− 5	M	...
.	7·299	+33·012	− 3	M	..
...	7·195	+38·115	− 5	M	...
...	7·174	−35·252	0·90	43.4051	10·4
521					
...	− 7·034	+25·690	− 5	M	.
..	7·006	− 3·726	− 5	M	
..	6·641	+30·034	− 2	.	.
...	6·549	−12·582	0·70		..
...	6·516	−23·597	0·70		
...	− 6·380	+43·021	− 3	..	..
...	6·335	−13·344	− 5	M	.
..	6·200	+ 6·793	− 5	M	...
..	6·043	+51·640	1·00	42.4058	10·2
...	6·042	+24·928	0·70	..	...
531					
†	− 5·971	+39·868	0·85	42.4059	10·2
S *	5·789	−33·339	3·00	43.4052	8·0
.	5·731	+ 1·027	− 3	M	...
*	5·682	−57·414	1·10	43.4053	9·9
..	5·585	−38·006	0·90	43.4054	10·4
...	− 5·406	− 1·923	− 4	M	...
.	5·352	+27·435	0·85	...	...
*	5·283	−49·301	1·10	43.4055	9·8
..	5·132	−24·494	1·00	43.4056	9·8
...	5·109	+38·398	0·75	...	...
541					
...	− 4·792	+48·333	0·75	42.4060	10·3
...	4·667	−13·125	− 5	M *m*	...
...	4·590	−22·479	− 5	M *m*	..
†	4·404	+49·904	− 4	*m*	...
...	4·335	−49·138	− 4	M *m*	...
*	− 4·305	− 5·215	1·00	42.4061	10·2
...	4·258	−23·918	− 3	*m*	...
.	4·086	+54·894	1·05	41.4034	9·7
..	4·061	+11·227	− 3	*m*	...
.	3·964	− 0·059	− 5	M *m*	...
551					
*	− 3·677	−38·287	1·00	43.4058	10·0
*	3·669	−47·798	1·40	43.4057	9·2
.	3·630	+ 7·428	− 4	M *m*	...
*	3·626	+ 8·085	1·00	42.4064	9·8
*	3·572	+18·820	1·00	42.4062	9·6
*	− 3·588	+18·598	1·15	42.4063	9·4
..	3·344	−19·651	− 3	...	...
...	3·327	−36·991	− 3	M *m*	...
*	3·320	+ 5·515	1·40	42.4065	9·2
...	3·303	+27·253	− 4	M *m*	...
561					
..	− 3·096	−54·224	− 5	*m*	...
*	2·918	−20·416	1·15	43.4059	9·6
...	2·574	−28·509	0·75	...	...
...	2·482	−39·481	0·65	...	...
..	2·340	− 7·336	− 3	M *m*	...
...	− 2·292	−26·621	0·85	43.4060	10·4
...	2·069	−46·767	− 4	*m*	...
...	2·003	+12·087	0·70	42.4066	10·3
...	1·854	+37·202	0·70	...	...
...	1·795	−47·657	− 3	*m*	...

571–630

Notes		Co-ordinates.		Diam.	C.P.D.	
		x.	y.	z.	No.	Mag.
571						
*	−	1·728	+54·131	1·00	41.4037	9·8
		1·543	+15·011	− 4	M *m*	...
		1·517	+ 4·958	− 2	M	.
..		1·5	+22·32	− 5	M *m*	.
		1·474	− 8·227	− 4	M *m*	...
	−	1·470	−40·630	− 5	M *m*	...
		1·392	−11·189	− 3	M *m*	...
		1·2	+18·983	− 4	M *m*	...
		1·170	−50·631	− 3	M	...
...		1·133	+36·295	− 4	M *m*	.
581						
*	−	1·010	+40·478	1·00	42.4067	9·9
		1·009	−25·104	− 3	M	.
*		1·00	−27·192	1·35	43.4061	9·2
...		0·966	+55·466	− 5	M *m*	.
		0·895	−30·142	− 3		...
	−	0·77	+ 9·83	− 3	M *m*	
		0·755	+48·264	− 3	...	...
*		0·687	+44·059	1·05	42.4068	9·7
		0·673	+32·880	− 4	M	...
		0·605	+35·430	− 5	M *m*	...
591						
	−	0·251	+57·189	1·00	41.4040	10·2
...		0·168	+22·727	− 4	M *m*	...
	−	0·035	+27·766	0·80	42.4069	10·2
	+	0·211	−50·788	1·00	43.4062	10·2
		0·289	−50·303	− 3		...
	+	0·366	−40·813	− 5	*m*	...
*		0·43	−42·726	1·00	43.4063	9·8
		0·562	+ 4·0	0·90	42.4070	10·3
...		0·680	+34·179	0·75		...
		0·899	+41·673	0·90	42.4071	10·3
601						
	+	1·084	−32·971	0·80	43.4064	10·4
†		1·279	−54·831	1·00	43.4065	10·0
...		1·291	−17·70	− 3	M	.
		1·391	+50·035	− 3		.
		1·431	−14·57	− 5	M *m*	.
	+	1·5	−22·046	− 3		.
*		1·686	−38·025	1·00	43.4067	9·8
...		1·721	+ 3·1	− 4	M *m*	.
		1·727	− 2·566	− 5	M *m*	...
		1·831	+15·928	− 5	M *m*	...
611						
S *	+	1·92	− 1·84	3·45	42.4072	8·0
		2·071	−23·38	− 5	M	.
†		2·149	−44·93	− 2	...	...
		2·312	+28·336	0·90	42.4073	10·2
...		2·368	+14·118	− 5	M	.
...	+	2·533	−51·556	− 1	42.4074	10·3
		2·52	+ 7·951	− 5	M *m*	
		2·869	+44·423	0·95	42.4075	10·2
...		2·922	+55·781	1·00	41.4046	9·9
...		2·9	− 2·59	− 5	M *m*	.
621						
.	+	3·00	− 6·214	− 3	M	
		3·071	−44·771	− 2		.
		3·171	− 3·382	0·75	B *m*	
...		3·223	+17·355	− 3		.
		3·261	+21·025	− 5	M *m*	
	+	3·3	−45·34	− 4	*m*	
		3·341	−12·493	− 5	M	
...		3·418	−17·193	− 4		...
		3·44	− 1·7	− 4	M	...
		4·057	−32·142	0·95	43.4069	10·2

631–690

Notes		Co-ordinates.		Diam.	C.P.D.	
		x.	y.	z.	No.	Mag.
631						
*	+	4·165	+39·665	1·35	42.4076	8·9
...		4·219	−37·04	0·95	43.4070	10·2
...		4·267	−44·93	− 5	M *m*	...
...		4·320	−32·490	0·90	43.4071	10·2
...		4·331	+35·581	− 3	...	...
	+	4·863	− 8·145	− 5	M *m*	.
..		4·915	+45·664	− 5	...	...
...		4·928	+18·811	0·65	...	...
*		4·933	−37·084	1·00	43.4072	10·1
...		5·193	−46·125	− 4	*m*	...
641						
..	+	5·654	+ 0·637	− 2	*a*	...
...		5·801	+ 2·066	− 4	*m*	...
*		5·849	+52·144	1·00	42.4077	10·0
...		5·912	−25·971	− 4	*m*	...
...		6·013	−11·982	− 5	*m*	...
	+	6·225	+31·015	− 4	...	...
...		6·566	+47·948	− 3	...	...
*		6·608	+40·109	2·00	42.4078	8·6
*		6·649	−28·723	0·90	42.4079	10·0
...		6·656	+41·987	0·75	...	...
651						
.	+	6·656	−59·628	− 5	*a*	...
...		7·280	+ 5·209	− 3	*m*	..
		7·284	+18·204	− 5	*m*	.
...		7·288	−29·292	− 5	*m*	.
...		7·322	−34·472	− 5	*m*	..
		7·481	−56·044	− 4	..	
..		7·553	−57·420	− 4	...	
		7·681	−10·755	− 3	*m*	
		7·714	− 2·064	0·70	42.4080	10·3
...		7·855	+53·131	− 4	..	
661						
...	+	7·911	−39·469	− 2	*a*	...
...		7·959	−20·545	− 4	*m*	...
..		7·985	+23·431	− 3	*m*	
*		8·029	−38·038	1·00	43.4073	10·0
..		8·066	+13·066	− 5	*m*	..
.	+	8·167	+30·898	0·70	...	...
*		8·375	−31·33	1·05	43.4074	9·8
		8·474	+ 9·059	− 4	*m*	...
		8·518	+43·783	− 4	..	...
		8·692	−42·937	1·00	43.4075	10·2
671						
	+	8·720	−21·614	− 5	*m*	...
...		8·861	−32·329	− 5	*m*	...
		9·052	+50·590	− 5	...	..
...		9·279	−48·808	0·75	43.4076	10·4
		9·372	+35·128	− 3	...	..
	+	9·481	−20·818	0·70	...	.
		9·501	+17·297	− 3	...	.
.		9·525	−37·098	− 3	*m*	
		9·678	+ 3·931	− 4	*m*	
...		9·729	−25·086	− 3	*m*	
681						
	+	9·786	− 1·755	− 4	*m*	...
*		9·814	+28·662	1·00	42.4081	9·7
		9·866	−57·892	− 3	...	...
		10·176	−56·925	− 5	*m*	...
.		10·227	−28·252	− 2	...	...
	+	10·312	− 4·578	− 3	*m*	...
.		10·319	+10·559	0·80	42.4082	10·3
		10·384	−44·965	− 2	...	...
*		10·491	+53·807	1·10	41.4052	9·7
		10·637	+53·136	− 2	41.4053	10·3

691–750

Notes		Co-ordinates.		Diam.	C.P.D.	
		x.	y.	z.	No.	Mag.
691						
..		+10·765	−57·275	− 4	...	...
*		10·782	+18·152	1·00	42.4083	9·5
.		10·963	+ 3·312	− 5	*m*	...
...		11·100	−15·134	0·70	...	...
		11·138	−25·371	− 5	*m*	...
..		+11·239	−30·907	− 2	...	...
...		11·256	+39·585	0·75	42.4084	10·3
...		11·396	− 3·62	0·80	...	...
...		11·440	−25·864	− 4	*m*	...
...		11·458	−45·550	0·85	43.4077	10·4
701						
...		+11·854	+27·514	− 5	...	...
*		11·942	−16·351	1·05	43.4078	9·6
n		12·136	+35·157	0·80	42.4085	10·2
...		12·186	− 1·976	− 5	*m*	...
n		12·236	+35·119	0·70	42.4085	10·2
.		+12·653	+12·366	0·65	...	...
.		12·751	+35·648	− 2	...	...
		12·881	−40·598	− 5	*m*	...
*		12·912	+11·015	0·95	42.4086	9·8
.		13·175	−57·896	− 5	*m*	...
711						
.		+13·214	−19·785	0·70	...	...
..		13·218	+ 3·365	− 5	*m*	..
.		13·361	−18·419	− 5	*m*	...
...		13·372	+44·347	− 5	...	...
*		13·382	+13·529	0·90	42.4087	9·8
...		+13·410	+57·196	− 1	41.4059	10·2
.		13·464	− 9·435	0·80	43.4080	10·4
*		13·529	+ 1·7	0·95	42.4088	9·8
.		13·5	− 3·942	− 5	*m*	...
S *		13·836	+54·642	1·50	41.4060	9·1
721						
		+14·049	−42·010	0·70	...	...
		14·087	−26·361	0·70	...	
		14·121	−46·871	− 5	*m*	..
		14·167	− 8·934	− 4	*m*	.
*		14·1	−22·555	0·95	42.4089	9·8
.		+14·243	−12·884	0·70	...	...
*		14·316	+32·194	1·00	42.4090	9·8
..		14·317	+32·140	0·70		
.		14·457	−51·36	− 1	43.4081	10·4
...		14·599	− 5·16	− 3	*m*	...
731						
		+14·704	+13·532	− 3	...	...
...		14·720	+34·733	− 2	...	...
...		14·876	+ 8·126	0·90	42.4091	10·2
		14·923	−41·427	0·75	...	...
...		15·05	−38·068	− 5	*m*	...
...		+15·131	−34·159	− 3	*m*	...
...		15·174	− 8·035	− 3	*m*	...
...		15·254	− 0·708	− 5	*m*	...
		15·343	−30·463	− 4	*m*	..
...		15·521	− 3·959	0·70	42.4092	10·3
741						
		+15·624	+26·386	− 5	*m*	..
		15·667	−17·874	− 5	*m*	..
...		15·727	−27·254	− 2	...	...
		15·745	+23·155	0·70	...	...
		15·844	−55·621	− 2	43.4084	10·4
...	+	15·875	− 7·835	0·80	...	...
...		15·930	−11·430	0·70	43.4083	10·4
..		16·039	−43·079	− 5	*m*	...
...		16·149	−16·984	0·70	...	...
*		16·187	+25·197	1·00	42.4093	9·4

703, 705. C.P.D., probably mass.

751–810

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
751					
...	+16·209	+23·005	0·75	42·4094	10·2
*	16·216	− 5·974	1·40	42.4095	9·0
	16·227	−16·404	− 4	*m*	...
.	16·230	+32·587	− 5	...	...
	16·320	+10·084	− 5	*m*	...
*	+16·380	−35·227	1·15	43.4086	9·4
...	16·449	−42·692	− 5	*m*	...
*	16·505	−11·157	1·40	43.4085	9·2
...	16·591	−52·447	− 5	*m*	...
...	16·597	−23·689	− 5	*m*	...
761					
...	+16·633	−10·788	− 5	*m*	...
...	16·782	+ 7·543	− 4	..	...
...	16·849	+30·848	0·85	42.4096	10·2
...	16·853	−11·603	− 5	*m*	...
*	16·875	−12·939	1·00	43.4087	9·8
...	+16·956	−12·767	− 5	*m*	...
...	16·968	−38·597	− 5	*m*	...
...	17·108	−44·286	− 3	*a*	...
...	17·293	+58·274	− 5	...	...
...	17·534	−46·697	− 5	*m*	...
771					
...	+17·708	− 3·384	− 4	*m*	.
...	17·718	−25·657	− 4	*m*	...
...	17·849	− 2·223	− 4	*m*	.
...	17·888	+ 6·006	− 5	*m*	...
...	18·015	+23·258	− 4	*m*	.
.	+18·103	+ 7·901	− 5	*m*	...
*	18·537	− 3·353	1·00	42.4098	10·0
...	18·540	−10·256	− 2	*b*	...
...	18·546	+38·401	0·85	42.4097	10·3
...	18·633	− 9·180	− 5	*m*	...
781					
...	+18·835	− 3·239	− 4	*m*	...
...	18·901	+18·216	− 2	...	...
*	19·217	−37·644	1·60	43.4089	8·6
...	19·264	−16·039	0·70	...	...
N	19·307	−23·363	0·70	*a*	...
...	+19·322	−32·663	0·70	43.4088	10·4
..	19·371	−32·006	− 5	*m*	..
...	19·398	−47·248	− 4	*m*	...
...	19·642	+10·535	− 5	*m*	...
...	19·738	−28·596	− 2	...	...
791					
...	+19·802	+49·404	− 5	*m*	...
..	19·900	−26·297	− 4	*m*	...
S *	20·124	+ 6·003	1·80	42.4100	8·7
...	20·151	+37·679	0·85	42.4099	10·3
...	20·253	−11·253	0·70	...	...
...	+20·553	− 7·887	− 5	*m*	...
...	20·700	−24·150	− 4	*m*	...
...	20·702	−10·842	0·80	..	...
...	20·763	− 9·588	− 5	*m*	...
†	20·795	− 9·887	0·70	...	...
801					
*	+21·448	−35·590	1·15	43.4091	9·4
...	21·469	−32·806	0·70	...	...
..	21·542	− 5·951	0·70	...	...
†	21·599	−34·802	− 5	*m*	...
*	21·677	−32·622	1·00	43.4092	9·9
...	+21·731	+19·507	− 3	...	...
...	21·741	+52·241	− 3	...	...
*	21·835	−58·979	1·05	43.4093	9·8
...	22·144	− 1·344	0·70	*b*	...
*	22·175	−27·099	0·90	43.4094	10·0

811–870

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
811					
..	+22·571	+27·376	− 3	...	...
.	22·603	−26·568	− 5	*m*	...
*	22·636	− 1·413	2·40	42.4101	8·3
.	22·698	+56·784	− 1	41.4070	10·3
.	22·794	+12·618	0·70	...	...
...	+22·801	+36·008	0·75	..	...
...	22·875	−19·178	− 2	...	...
...	22·929	−26·866	− 5	*m*	...
.	22·936	+16·208	− 5	*m*	...
†	22·978	−29·909	− 5	...	...
821					
*	+23·158	−34·985	1·05	43.4095	9·8
..	23·263	−42·646	− 5	...	.
...	23·328	−11·304	− 5	*m*	...
...	23·368	+51·249	− 5	*m*	...
...	23·378	−22·175	− 5	*m*	...
*	+23·545	−36·924	1·00	43.4096	10·2
†	23·639	+14·929	0·75	...	...
...	23·662	+ 1·452	− 5	*m*	...
...	23·718	−12·500	− 5	*m*	...
...	23·740	−31·914	0·85	43.4097	10·4
831					
...	+23·786	+32·603	− 2	...	...
...	24·059	+45·785	− 5	...	.
...	24·523	−14·060	− 5	*m*	...
...	24·601	−33·055	− 5	*m*	...
...	24·683	+ 4·868	0·80	42.4102	10·2
...	+25·059	+31·116	− 5	*m*	...
...	25·396	−12·338	− 5	*m*	...
*	25·472	+ 3·785	1·20	42.4103	9·4
...	25·488	+40·488	− 4	...	...
*	25·512	−40·001	1·00	43.4098	10·2
841					
...	+25·544	+17·456	2	...	...
...	25·574	+51·036	− 5	...	
...	25·631	−17·576	− 5	*m*	...
†	25·723	+14·942	− 4	*m*	...
...	25·801	+21·585	0·70	42.4104	10·3
...	+25·828	+22·130	− 5	*m*	...
*	26·016	−27·262	1·05	43.4099	9·6
...	26·189	+47·180	− 5	...	...
...	26·242	+14·333	0·85	42.4105	10·3
...	26·269	+32·497	− 5	...	...
851					
*	+26·428	+53·806	1·00	41.4076	9·7
...	26·577	+27·821	− 5	*m*	...
...	26·608	−29·821	0·95	43.4100	10·2
...	26·757	−23·982	− 5	*m*	.
...	27·312	−15·753	− 5	*m*	.
...	+27·357	+38·062	− 5	*m*	...
...	27·426	−48·916	− 5	*m*	...
...	27·460	−44·770	− 5	*m*	...
...	27·463	−13·334	− 3	...	..
...	27·476	+31·049	− 3	..	...
861					
...	+27·612	+ 0·499	− 2	...	..
...	27·802	+51·522	− 5	...	..
*	27·831	−15·318	0·90	43.4101	10·2
...	27·855	+19·543	− 5	*m*	...
...	27·875	−47·269	0·75	43.4102	10·4
..	+28·097	+46·216	− 4	...	...
...	28·114	−27·504	0·90	43.4103	10·2
...	28·228	+14·505	− 3	*a*	...
*	28·740	−35·244	1·00	43.4106	10·2
*	28·947	+56·917	1·60	41.4079	8·9

871–930

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
871					
*	+28·979	+56·846	1·40	°	
...	29·010	+18·917	− 5	*m*	...
..	29·236	−48·328	− 4	...	...
..	29·308	−45·270	0·80	..	...
...	29·361	+27·196	− 5	*m*	...
*	+29·517	− 4·433	1·60	42.4106	8·6
...	29·671	−32·701	− 5	*m*	...
...	29·707	+34·337	− 4	...	...
...	29·743	−28·031	− 4	*m*	...
*	29·871	−12·295	1·05	43.4108	9·6
881					
...	+29·887	+ 1·639	− 5	*m*	...
...	30·058	+ 9·562	− 5	*m*	..
...	30·107	−34·357	0·75	...	...
...	30·246	−33·168	− 3	*a*	.
...	30·276	+27·749	0·85	...	...
...	+30·344	−31·248	− 4	*m*	...
	30·369	−16·394	0·70	...	...
...	30·609	+ 4·082	− 5	*m*	...
...	30·804	+13·513	0·80	42.4107	10·3
...	30·977	− 9·689	− 5	*m*	...
891					
...	+30·985	−10·157	− 2	*b*	...
...	31·055	+14·134	0·70	42.4109	10·3
...	31·177	+43·860	0·95	42.4108	10·2
...	31·204	+21·157	− 3	...	...
*	31·324	− 0·929	0·95	42.4110	10·0
..	+31·420	+ 3·505	0·90	42.4111	10·2
...	31·429	+55·396	− 5	...	...
...	31·446	+14·791	− 5	*m*	...
*	31·446	−37·609	1·20	43.4109	9·3
...	31·487	−12·372	− 5	*m*	...
901					
*	+31·843	+36·592	1·10	42.4112	9·4
..	32·264	+29·766	− 3	...	...
	32·332	−47·800	− 1	43.4111	10·4
...	32·378	+16·554	− 5	*m*	...
..	32·461	−13·327	− 4	*m*	...
...	+32·578	+ 1·493	− 4	*m*	...
*	32·013	−27·274	1·30	43.4112	9·3
...	32·643	−48·649	− 5	*m*	...
†	32·666	−44·792	− 5	*m*	..
...	32·920	+18·732	0·75	...	..
911					
.	+33·005	− 9·067	− 5	*m*	.
.	33·161	−28·373	− 5	*m*	..
...	33·167	+23·202	− 2	...	.
..	33·284	+36·860	− 5	...	...
*	33·424	− 4·162	1·00	42.4113	10·0
...	+33·449	− 3·194	0·70	...	...
..	33·815	−35·548	0·75	...	...
...	33·887	− 1·919	0·85	42.4116	10·2
...	33·991	+41·347	0·95	42.4114	10·0
*	34·002	+29·426	1·80	42.4115	8·6
921					
...	+34·217	−56·666	1·00	43.4114	10·2
S ‡	34·277	−19·845	1·80	43.4113	8·3
...	34·424	−35·608	− 4	*m*	...
*	34·684	−23·027	1·00	43.4115	9·6
.	34·709	+46·677	0·65	...	...
...	+34·722	+18·242	− 5	*m*	...
...	34·732	+16·530	− 2	...	...
..	34·828	+16·287	− 5	*m*	
†	34·904	+49·899	− 5	42.4117	10·3
...	35·136	−12·001	− 5	*m*	...

−85. 44 ·60, obscured by nebula.

Notes.	Co-ordinates.		Diam.	C.P.D.	
				No.	Mag.
	h.	m.	s.		
931–990					
931					
	+35·155	+21·601	−5	m	...
...	35·315	+19·245	−5	m	...
	35·318	−32·333	−5	...	...
.	35·431	+55·688	0·90	41.4087	9·9
...	35·537	+ 1·268	−4	m	...
...	+35·939	+22·206	−2	...	...
	35·22	+ 9·071	−2	...	...
	36·126	+26·803	0·70	42.4118	10·3
	36·43.	−24·680	−3	a	...
.	36·519	+ 0·913	−1	...	...
941					
	+36·541	− 1·668	0·75	42.4119	10·3
	36·920	−44·553	1·00	43.4118	10·0
	36·945	−51·487	0·90	43.4117	10·4
*	37·101	11·366	1·30	43.4116	9·2
	37·168	+ 0·132	0·80	42.4120	10·3
	+37·253	−13·876	−5	m	
	37·311	−21·342	−5	m	
...	37·449	−27·371	−5	m	...
...	37·526	− 2·397	−5	*	
	37·536	+ 3·023	−4	m	...
951					
*	37·58.	+23·157	−4	m	...
...	37·634	−58·796	−2	...	...
	37·65	−1·915	−4	m	...
.	37·76	−33·489	−3	...	...
...	37·82	+57·732	−1	41.4088	10·2
*	+37·833	+29·796	1·25	42.4122	9·2
	37·896	−51·372	−4	...	...
.	37·899	+40·490	0·70	42.4121	10·3
	37·992	− 5·476	1·35	42.4123	9·0
	38·015	− 6·135	−4	m	...
961					
	+38·027	− 4·820	−5	m	...
	38·044	−24·551	−2	...	...
*	38·094	−27·224	1·05	43.4119	9·9
	38·184	−50·030	1·00	43.4120	9·9
	38·200	− 8·602	0·70	...	
	+38·296	−28·237	−1	...	.
.	38·327	−23·454	−5	...	
	38·366	−49·901	−5	..	
	38·511	−16·301	−5	...	.
...	38·521	+11·648	−5	m	
971					
...	+38·642	+43·755	−5	...	
	38·807	−47·284	−5		
...	38·889	+11·379	−2		.
	39·064	+ 5·722	0·65		
	39·144	−47·146	1·10	43.4122	9·9
	+39·197	+41·996	−1	...	...
	39·309	+23·308	−5	...	...
.	39·414	+29·332	0·95	42.4124	9·9
	39·725	+31·471	1·00	42.4125	10·0
.	39·732	−18·538	−5	m	...
981					
	+39·856	− 6·392	−3	m	...
	40·037	+50·692	1·00	42.4126	9·9
*	40·070	+48·417	1·50	42.4127	9·0
	40·165	−20·554	−3		...
*	40·241	−35·524	1·00	43.4123	10·0
	+40·269	−52·305	−5		...
...	40·330	−54·071	1·00	43.4125	10·2
*	40·340	+23·307	1·00	42.4128	9·7
	40·470	−31·968	−1	a	...
.	40·477	−18·540	−2	a	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
				No.	Mag.
	h.	m.	s.		
991–1050					
991					
...	+40·553	− 4·452	−5	m	...
	40·589	−16·132	0·75	...	...
†	40·725	−54·864	−2	43.4126	10·4
...	40·762	−10·385	0·90	43.4124	10·2
*	41·075	+42·178	2·00	42.4129	8·7
...	+41·109	−45·853	0·70	43.4127	10·2
...	41·249	−25·104	0·90	43.4128	10·2
	41·352	−20·310	−2	...	...
.	41·622	+58·044	1·00	41.4090	9·8
..	41·832	+18·541	0·90	42.4130	10·3
1001					
*	+41·875	− 2·428	1·10	42.4131	9·5
.	42·012	− 5·282	0·85	42.4133	10·3
...	42·047	+39·079	−5	..	...
...	42·186	−19·791	−3	b	...
...	42·266	− 5·744	−5	m	...
*	+42·274	−24·166	1·10	43.4129	9·4
..	42·332	−52·916	1·05	43.4130	10·0
...	42·347	+16·506	−5	m	...
†	42·514	+44·966	1·00	42.4132	9·8
...	42·785	+ 1·649	−5	m	...
1011					
.	+42·866	+13·755	−2	...	...
.	43·042	− 1·297	−2	a	...
...	43·107	+55·674	1·00	41.4094	9·8
...	43·264	−36·668	−2	...	...
S *	43·277	−49·652	1·50	43.4132	9·3
*	+43·541	−46·157	1·20	43.4133	9·6
.	43·569	+ 6·716	0·90	42.4134	10·2
.	43·820	+32·726	−3	.	
...	43·839	−20·817	−2		
...	44·018	− 8·437	−5	...	...
1021					
...	+44·091	+17·281	0·80		
..	44·097	+39·683	−2	.	.
...	44·124	−38·396	−4	...	.
.	44·341	−37·148	−2	43.4134	10·4
...	44·415	− 4·523	−3	m	...
.	+44·467	−36·690	−2	.	...
	44·541	+ 7·641	−3		
...	44·642	+10·868	−3	..	
..	44·709	+20·956	−2	...	...
*	44·770	−13·878	1·05	43.4135	9·8
1031					
	+44·788	+34·141	−2	42.4135	10·3
	44·820	+ 3·571	1·00	42.4137	9·6
...	45·081	+25·167	−5	m	...
	45·263	−43·840	−1	...	...
	45·335	+41·542	1·70	42.4136	8·7
	+45·471	−30·814	−5	m	..
	45·517	−23·035	−4	m	
	45·723	+45·235	−5	...	..
	45·785	− 5·597	−4	*	..
	45·818	+54·188	1·00	41.4099	9·9
1041					
	+46·048	− 4·414	−5	m	...
	46·066	− 5·763	−2	...	...
	46·249	− 1·797	−4	m	...
*	46·324	+ 7·632	1·00	42.4140	9·7
	46·341	+31·438	0·95	42.4139	9·9
..	+46·405	−19·780	−4	a	...
	46·461	−25·913	−5	m	...
†	46·488	−44·787	−4	...	...
.	46·489	−51·739	−4	...	...
...	46·493	+49·662	−1	42.4138	10·3

Notes.	Co-ordinates.		Diam	C.P.D.	
				No.	Mag.
	h.	m.	s.		
1051–1110					
1051					
..	+46·630	−34·775	−5	...	...
.	46·653	+ 3·481	−3	...	...
..	46·656	−42·742	−3	...	...
..	46·824	+27·114	0·90	42.4141	10·0
.	47·032	−38·855	−4	...	...
...	+47·064	−35·311	−5	m	...
..	47·067	+ 2·834	−5	m	...
..	47·108	+40·586	0·70	42.4142	10·3
*	47·130	−42·584	1·10	43.4138	9·8
...	47·131	−24·359	−5	m	...
1061					
.	+47·159	+19·645	0·80	42.4144	10·3
...	47·250	+ 8·472	−2	...	...
...	47·308	+44·081	1·00	42.4143	10·0
...	47·366	+13·064	−5	m	...
..	47·407	+28·004	−5	...	...
...	+47·502	+24·891	−5	m	...
.	47·691	−11·696	−5	m	...
..	47·938	−14·763	−5	m	...
...	48·022	−21·017	−4	m	...
...	48·067	+ 1·437	−3	...	.
1071					
...	+48·515	− 8·148	−3	m	...
...	48·529	− 2·749	−5	m	.
...	48·552	−31·132	−5	m	.
...	48·735	−39·552	−5	...	...
...	48·859	+13·448	−5	m	.
...	+48·908	−31·385	−2	...	...
*	49·039	+16·191	1·60	42.4145	8·9
...	49·185	−21·207	−4	m	...
...	49·249	−23·956	0·90	43.4139	10·4
...	49·342	+41·403	−5	...	...
1081					
..	+49·377	+18·212	−5	m	...
...	49·484	−53·014	0·70	43.4141	10·4
...	49·788	−24·032	0·80	43.4140	10·4
†	49·896	+32·388	−5	...	...
†	49·961	−48·172	1·00	43.4142	10·1
	+50·032	+14·574	0·95	42.4146	10·0
	50·190	+16·760	−4	...	...
*	50·267	+54·035	1·45	41.4103	9·4
...	50·284	−40·493	−5	...	...
...	50·355	+ 6·316	−4	m	...
1091					
..	+50·444	−50·219	−2	43.4144	10·4
...	50·499	−32·969	−1	43.4143	10·4
*	50·679	−44·417	1·10	43.4145	9·8
	51·044	+41·512	−3	...	...
	51·080	+19·957	−4	..	
.	+51·339	−42·004	−4	...	.
	51·586	− 5·640	−5	...	.
*	51·683	+39·142	1·80	42.4147	9·0
.	51·918	+12·606	0·70	...	...
...	52·210	+25·501	−5	...	...
1101					
..	+52·230	−13·337	0·90	43.4146	10·4
..	52·350	−27·727	−5	m	...
	52·475	+29·393	−5	m	...
	52·659	−40·353	0·95	43.4147	10·2
	52·666	−42·043	−5	...	...
...	+52·831	+57·386	−5	...	...
	52·912	− 2·258	1·00	42.4148	10·0
	53·914	+41·831	−1	42.4149	10·2
...	54·026	− 5·500	−5	m	...
	54·345	−15·934	−5	m	...

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
1111–1130					
1111				°	
*	+54·367	−25·232	1·20	43.4149	9·3
...	54·454	−25·842	1·00	43.4150	9·9
.	54·682	−31·789	− 3	...	...
.	54·759	+24·401	− 5	*m*	...
†	54·852	−21·222	1·15	43.4151	9·3
.	+54·935	+55·826	− 1	41.4114	10·2
*	55·063	+29·405	1·05	42.4150	9·9
...	55·225	+30·023	− 5	...	...
..	55·287	+50·442	− 5	...	..
*	55·351	−28·304	1·00	43.4152	9·9
1121					
S *	+55·608	− 8·964	1·13	43.4153	9·5
*	55·659	+ 2·061	1·00	42.4152	9·7
...	55·716	−31·177	− 3	...	...
...	55·865	− 8·337	− 4	*m*	...
...	55·885	− 5·398	− 2	...	...
...	+55·944	+36·659	0·90	42.4151	10·0
...	56·017	−33·307	− 1	...	..
...	56·222	+13·451	− 2	...	...
...	56·542	+45·609	− 5	*m*	...
...	56·544	−20·339	− 5	*m*	...
1131–1150					
1131				°	
...	+56·607	−23·256	− 2	...	...
...	56·834	+35·516	− 1	42.4153	10·3
	56·900	−25·751	0·90	43.4154	10·2
.	56·987	+23·155	− 5	*m*	...
...	57·065	−26·448	0·95	43.4155	10·2
...	+57·331	+ 8·777	− 4	*e*	...
..	57·472	−24·321	− 2	...	...
...	57·473	+14·459	− 3	...	...
*	57·477	−35·044	1·00	43.4156	9·8
...	57·520	− 7·610	− 5	*m*	...
1141					
	+57·590	+28·213	− 3	...	...
..	57·621	−43·319	0·65	43.4158	10·2
.	57·675	−16·566	0·85	43.4157	10·4
...	57·922	−33·003	− 5	...	...
...	58·149	+25·894	0·70	42.4154	10·2
...	+58·307	+ 7·024	− 5	*m*	...
S *	58·338	+32·834	2·50	42.4155	8·2
†	58·384	+54·832	− 4	41.4117	10·3
...	59·071	−31·629	− 5	*m*	...
...	59·281	−10·921	− 5	*m*	...
1151–1153					
1151				°	
...	+59·537	−19·450	− 3	...	...
*	59·673	+24·853	1·15	42.4156	9·6
...	59·689	−16·020	0·90	43.4159	10·2

1–30					
1				°	
...	−59·781	−24·120	− 3	43.4139	10·4
..	59·241	−24·178	− 4	43.4140	10·4
*	59·204	+39·035	2·00	42.4147	9·0
.	58·680	−53·163	− 5	43.4141	10·4
...	58·340	−48·312	− 1	43.4142	10·1
...	−58·255	−33·099	− 3	43.4143	10·4
...	58·172	+12·510	0·65		..
...	57·804	−50·349	− 4	43.4144	10·4
...	57·744	−44·538	0·95	43.4145	9·8
...	57·104	−13·412	0·75	43.4146	10·4
11					
...	−57·067	+41·795	− 3	42.4149	10·2
..	56·759	− 2·325	0·95	42.4148	10·0
..	56·454	+55·810	− 4	41.4114	10·2
...	55·877	−40·413	− 1	43.4147	10·2
...	55·535	+29·398	0·95	42.4150	9·9
†	−54·873	+36·680	− 2	42.4151	10·0
*	54·612	−25·240	1·15	43.4149	9·3
...	54·515	−25·851	− 1	43.4150	9·9
*	54·219	−21·221	1·60	43.4151	9·3
*	54·120	+ 2·076	1·00	42.4152	9·7
21					
..	−54·104	−31·787	− 5	...	...
...	53·948	+35·573	− 4	42.4153	10·3
...	53·909	+13·486	− 3	...	...
S *	53·849	− 8·944	1·05	43.4153	9·5
...	53·694	− 5·366	0·65	...	...
...	−53·523	−28·291	1·00	43.4152	9·9
...	53·468	−47·894	− 5	...	...
...	53·090	−31·160	− 5	...	...
...	52·958	+28·279	− 4	...	...
...	52·946	+54·932	− 4	41.4117	10·3
31–60					
31				°	
.	−52·730	−33·275	− 2	...	..
..	52·686	+14·529	− 5	...	...
...	52·665	+ 8·851	− 5	E	.
...	52·428	−23·208	− 5	...	...
...	52·346	+25·998	0·65	42.4154	10·2
S *	−52·343	+32·928	2·90	42.4155	8·2
...	52·074	−25·689	0·80	43.4154	10·2
...	51·888	−26·383	0·95	43.4155	10·2
...	51·572	−16·495	0·85	43.4157	10·4
...	51·531	−24·247	− 4	...	...
41					
...	−51·496	+56·939	− 4	...	...
†	51·201	−34·963	1·00	43.4156	9·8
*	50·985	+39·314	1·10	42.4157	9·5
...	50·835	−43·228	− 1	43.4158	10·2
*	50·791	+24·988	1·05	42.4156	9·6
...	−49·786	+42·605	− 5	...	...
...	49·651	+47·063	0·65	42.4158	10·3
...	49·609	−19·305	− 3	...	...
..	49·570	−15·876	0·75	43.4159	10·2
...	49·252	+32·908	− 5	...	...
51					
...	−48·976	+28·055	0·70	...	...
...	48·795	− 7·362	− 3	B	.
...	48·794	−36·021	− 5	...	
...	48·698	− 9·380	0·85	43.4160	10·2
..	48·396	+26·590	− 2	...	...
..	−48·272	+16·959	− 3	...	...
*	48·061	+ 8·800	2·40	42.4159	8·4
*	48·042	−23·552	1·20	43.4161	9·4
...	48·007	+15·999	− 4	...	...
...	47·446	−18·992	− 2	...	...
61–90					
61				°	
.	−47·167	+31·403	− 3	...	...
..	47·160	+36·352	0·65	42.4160	10·3
..	47·041	−34·573	− 3	...	...
.	47·011	−11·454	0·75	43.4163	10·4
...	46·919	−54·115	1·05	43.4162	9·8
...	−46·810	+35·578	0·90	42.4161	9·9
*	46·805	−16·541	1·35	43.4165	9·3
*	46·694	−36·327	1·10	43.4164	9·8
...	46·641	−12·693	− 2	...	...
...	46·412	− 7·897	− 1	..	...
71					
..	−46·355	−27·592	− 1	...	...
...	46·282	+53·293	− 1	41.4123	10·3
*	46·084	− 4·704	2·00	42.4162	8·5
...	46·031	+21·659	0·90	42.4163	10·0
..	45·976	− 9·756	− 3	...	...
*	−45·860	−41·075	1·05	43.4166	9·9
...	45·785	−35·908	− 2	...	...
...	45·754	+17·057	0·90	42.4164	10·2
...	45·723	−33·438	− 5	...	...
...	45·625	+36·682	1·00	42.4165	9·7
81					
†	−45·161	+29·910	− 5	...	...
†	44·967	+35·275	− 2	...	...
*	44·717	+29·946	1·20	42.4166	9·5
...	44·667	−24·058	0·75	43.4167	10·4
...	44·642	−14·671	0·70	43.4168	10·4
...	−44·110	+45·966	− 2	...	...
...	43·873	+26·696	0·95	42.4167	9·8
...	43·587	− 4·252	0·90	42.4168	10·0
*	43·373	−43·181	1·20	43.4169	9·8
*	43·355	− 8·367	1·00	43.4170	9·8

L measured from 1, 114, 239, 367, 507, 645.
ES ,, ,, 46, 172, 309, 426, 568, 702.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
91–150					
91					
..	−43·122	−10·8?8	0·70		...
...	42·978	+35·?5?	− 5		...
...	42·906	−48·884	− 5		...
..	42·863	−19·880	− 3	.	.
...	42·792	−56·368	− 4	..	
...	−42·575	−49·800	− 5	M	...
	42·568	− 7·?74	0·90	43·4172	10·2
	42·371	+35·609	0·95	42·4169	9·8
..	42·349	−12·527	− 5	M	...
...	42·166	−41·759	0·95	43·4173	10·0
101					
...	−42·022	−22·547	0·85	43·4174	10·1
..	41·734	−30·?75	− 1	..	...
...	41·490	+50·504	− 1	42·4170	10·3
...	41·404	−42·111	− 5	M	...
...	41·281	−20·344	0·80	43·4175	10·1
*	−41·137	+25·778	1·40	42·4171	9·1
S	40·956	−47·871	1·00	43·4176	9·8
...	40·894	− 1·?89	− 1	A	...
..	40·662	+ 2·229	0·95	42·4172	9·9
..	40·293	+19·220	− 5	M	...
111					
	−40·256	−23·245	0·85	43·4177	10·2
...	40·038	+37·617	− 1	42·4174	10·3
	39·988	−34·307	1·05	43·4179	10·0
S	39·944	−49·270	1·50	43·4178	9·4
..	39·913	−33·600	− 5	...	...
*	−39·859	−22·125	1·05	43·4182	9·5
...	39·793	+ 6·523	0·70	42·4175	10·3
...	39·789	+ 4·319	0·75	42·4173	10·2
*	39·776	−48·394	1·30	43·4180	9·4
*	39·7??	−48·764	1·10	43·4181	9·5
121					
...	−39·225	−18·995	0·90	43·4183	10·2
..	39·150	+50·983	− 5	...	...
..	39·143	−37·964	− 3	...	...
...	38·692	−39·246	− 1	43·4184	10·4
..	38·658	+ 4·983	0·70	42·4176	10·3
...	−37·791	−32·971	− 5	...	...
*	37·?83	−16·531	1·00	43·4185	9·8
.	37·728	−10·148	− 1	...	...
*	37·680	+ 3·887	1·00	42·4177	9·8
.	37·410	−29·074	− 5	...	...
131					
	−37·241	+38·912	0·75	42·41?8	10·3
†	36·918	−40·066	0·80	43·4186	10·1
...	36·909	+ 6·613	0·70	42·4179	10·2
	36·?93	− 9·005	− 2	...	...
...	3?·?17	−18·?7?	1·00	43·4187	10·0
.	−36·633	−29·095	0·95	43·4188	10·2
*	36·390	+ 6·157	2·00	42·4180	8·6
	36·182	−15·940	− 5	M	...
*	36·025	+28·783	2·00	42·4181	9·0
	35·?69	+12·413	− 5	...	..
141					
*	−35·747	+17·?17	3·00	42·4182	8·0
	35·481	+ 5?·?02	− 4	...	..
	35·?61	+21·458	1·?0	42·4183	9·8
	34·949	32·414	0·85	43·4189	10·4
	34·896	−23·320	− 3	A	...
	−34·?33	+40·203	− 4		...
	34·4??	+ 1·?93	0·65	...	...
	33·9??	+ 6·019	0·85	42·4184	10·2
...	33·?21	−10·302	0·95	43·4190	10·2
.	33·?2?	+10·942	0·80	42·4185	10·3

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
151–210					
151					
...	−33·?42	− 4·024	0·70	...	...
*	33·474	+18·315	1·05	42.4186	9·6
...	33·45?	−55·095	− 3	...	...
*	33·283	− 8·749	2·00	43.4191	8·6
...	33·192	+42·588	0·70	42.4187	10·3
...	−31·927	+17·322	− 5	...	...
...	31·911	−32·382	1·00	43.4193	10·1
...	31·120	−16·082	− 4	M	...
..	31·111	−22·191	− 2	...	...
*	31·050	−42·885	1·10	43.4194	9·6
161					
...	−30·935	−55·404	− 1	43.4195	10·0
*	30·879	+26·071	1·00	42.4188	9·8
..	30·831	+29·480	0·70	42.4189	10·2
*	30·823	−12·047	1·00	43.4196	9·8
...	30·588	+18·580	0·90	42.4190	10·2
...	−30·371	−54·655	− 5	...	...
...	30·323	−27·671	0·70	...	...
...	30·286	−11·042	− 5	M	...
...	30·283	+25·495	− 5	...	...
...	30·250	+ 2·547	− 5	M	...
171					
...	−30·180	+36·569	0·90	42.4191	10·2
...	29·876	−50·718	0·70	43.4197	10·2
...	29·857	−11·596	0·65	...	...
...	29·716	+36·160	− 4	...	...
...	29·680	+44·913	0·70	42.4192	10·3
...	−29·380	+23·780	0·75	...	...
..	29·360	+48·003	− 5	M	...
...	29·275	−23·725	0·95	43.4199	10·1
...	29·255	−13·115	0·85	43.4198	10·4
...	29·086	+24·773	− 5	...	...
181					
...	−28·602	−50·282	1·00	43.4200	9·8
...	28·435	+ 5·777	− 2	...	...
...	28·222	−26·009	− 3	...	..
...	27·902	− 0·727	− 2	B	..
..	27·753	−52·400	− 4	..	...
..	−26·437	+26·322	0·90	42.4193	10·2
...	26·289	+31·599	− 1	...	...
..	26·279	−48·389	− 2	...	...
.	26·183	+36·384	0·65	42.4194	10·3
..	25·994	− 5·556	− 2	B	...
191					
.	−25·590	+ 2·310	− 1	42.4195	10·3
...	25·541	−38·801	− 1	...	...
...	25·469	+45·310	0·70	42.4196	10·2
*	25·459	−52·384	1·15	43.4202	9·6
	25·422	−16·71?	0·90	43.4203	10·0
...	−25·168	−47·059	− 2	...	...
*	25·070	+51·760	1·05	42.4197	9·7
S	25·052	+52·770	1·90	42.4198	9·1
†	24·954	+28·358	− 2	...	...
.	24·856	+ 4·450	0·75	42.4199	10·3
201					
..	−24·810	+11·295	0·70	...	...
*	24·415	−48·301	1·40	43.4204	9·4
.	24·353	+13·097	− 1	...	...
*	24·347	−50·487	1·25	43.4205	9·5
	24·210	+25·484	− 5	M	...
	−24·078	− 2·360	0·65	...	
..	24·022	+46·469	− 2	.	...
	24·012	−55·509	− 5	...	..
.	23·979	+42·318	− 3	.	...
.	23·556	+34·117	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
211–270					
211					
...	−23·480	− 8·729	0·95	43.4206	9·9
...	23·145	−45·513	− 5	...	...
...	23·015	+27·903	− 5	...	...
...	22·812	+35·101	− 4	...	..
...	22·621	+42·653	− 4	.	...
...	−22·588	+17·317	0·65	42.4200	10·3
...	22·373	+16·870	0·85	42.4201	10·2
...	22·205	+51·359	0·85	42.4202	10·2
...	22·055	+36·046	0·80	42.4203	10·2
...	21·982	+51·752	− 5	...	..
221					
.	−21·785	−15·185	− 4	M	...
...	21·750	−47·536	0·70	...	...
...	21·371	−26·193	− 5	M	...
...	21·367	+58·670	0·80	41.4162	10·2
...	21·301	+10·511	− 1	...	...
.	−21·285	+54·052	− 5	M	...
...	21·152	−43·175	− 5	...	...
*	20·729	−25·216	1·00	43.4207	9·6
..	20·700	+40·791	− 2	...	...
...	20·466	− 6·791	0·90	42.4204	10·2
231					
..	−20·419	−29·723	− 1	...	...
...	20·370	−15·924	− 3	...	...
...	20·343	−17·418	− 5	M	...
...	20·270	+ 0·742	0·70	42.4205	10·3
...	20·260	+36·074	0·65	...	...
...	−20·144	+21·740	− 5	M	...
...	20·130	+23·042	− 2	...	...
†	20·047	+22·511	− 4	...	...
†	19·969	+31·532	− 5	...	.
‡	19·934	− 2·136	0·95	42.4206	9·8
241					
...	−19·830	+38·798	− 4	...	.
...	19·747	+25·222	− 5	M	...
..	19·676	+51·261	− 5	...	
..	19·622	−13·997	− 5	M	...
*	19·139	+59·221	0·95	41.4164	9·9
*	−18·847	+52·596	1·15	42.4207	9·6
...	18·762	−11·0?4	− 4	M	...
...	18·640	− 5·983	− 4	M	...
S	18·549	+ 9·976	1·90	42.4208	8·8
...	18·345	−10·821	− 4	M	..
251					
...	−18·203	−36·057	− 5	M	...
.	18·175	+ 4·450	− 4	M	...
..	18·103	−50·223	− 5	...	
...	18·000	−14·645	1·00	43.4209	9·9
.	17·985	−27·590	− 5	...	...
...	−17·975	− 9·?54	− 4	M	...
.	17·765	− 4·133	− 4	..	...
...	17·661	+42·878	0·95	42.4209	10·0
...	17·609	−39·?54	1·00	43.4210	10·0
...	17·577	+25·362	− 5	M	...
261					
...	−17·557	+37·469	− 4	...	...
*	17·523	−50·132	1·10	43.4211	9·8
	17·334	+36·?87	− 5	...	...
	17·320	−41·?58	− 5	...	...
..	17·120	−23·644	0·95	43.4212	10·1
	−16·797	−35·949	0·75	43.4213	10·4
...	16·688	− 7·?08	0·70	42.4210	10·2
*	16·611	+ 2·527	0·95	42.4211	9·8
.	16·509	+39·846	− 5	...	...
...	16·479	+17·445	0·80	42.4212	10·2

271 330

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
271					
...	−16·407	+25·088	−4	...	...
...	16·360	−24·206	−5	...	...
†	16·286	+19·859	0·95	42.4213	9·8
*	16·281	+16·825	1·05	42.4214	9·5
...	15·242	−37·157	−3	...	...
.	−14·869	+45·344	−5	...	...
...	14·428	−25·643	0·85	43.4216	10·4
S *	14·376	−13·399	1·90	43.4217	8·6
...	14·143	+37·701	−5	...	..
...	14·059	−44·499	−2	...	...
281					
...	−13·971	−11·127	−4	...	...
...	13·763	+ 3·230	−5	M	..
*	13·506	+22·709	1·00	42.4215	9·6
...	13·265	−31·333	−2	...	...
...	13·264	+59·512	1·00	41.4173	9·9
...	−13·203	−36·809	1·00	43.4218	9·8
*	12·896	−39·394	1·00	43.4219	10·0
...	12·818	−39·136	−5	...	...
*	12·603	+21·498	1·50	42.4216	9·2
...	12·600	+27·995	−4	...	...
291					
...	−12·294	+24·091	−4	...	...
*	12·244	+38·208	2·00	42.4217	8·6
*	12·134	−47·848	1·50	43.4220	9·2
...	12·123	−28·386	0·90	43.4221	10·2
...	11·510	+10·216	−3	...	...
*	−11·435	−54·664	1·25	43.4222	9·5
...	11·330	−45·404	1·00	43.4223	9·8
...	11·179	−26·077	−5	M	...
...	11·141	−21·017	0·90	43.4224	10·2
...	11·108	+46·959	−2	42.4218	10·2
301					
..	−10·570	−25·990	1·00	43.4225	10·0
...	10·524	+23·586	0·80	42.4219	10·2
...	10·516	−52·695	0·95	43.4226	10·1
...	10·408	− 6·794	−5	M	...
...	10·372	+26·903	0·85	42.4220	10·0
...	−10·130	− 6·444	0·65	42.4221	10·3
...	10·101	+59·308	−5	41.4179	10·3
†	10·072	−17·662	−5	M	...
...	9·714	+29·693	−3	...	...
*	9·651	−15·271	1·25	43.4229	9·3
311					
...	− 9·621	−53·758	−3	...	...
...	9·560	+19·092	−5	...	...
...	9·274	+24·743	0·90	42.4222	9·8
...	9·147	+49·952	0·95	42.4223	9·9
...	9·022	−22·503	0·90	43.4230	10·0
...	− 8·951	− 3·828	0·70	..	...
‡	8·928	−35·073	1·00	43.4231	9·9
...	8·891	− 2·785	−5	M	...
...	8·758	−43·667	−4	M	...
...	8·657	−33·378	0·90	43.4234	10·1
321					
...	− 8·642	−38·569	0·90	43.4233	10·2
...	8·561	+48·633	−5	...	...
...	8·474	+59·077	1·05	41.4183	9·8
..	8·020	+39·296	−4	...	...
*	7·954	−20·268	1·60	43.4235	9·2
...	− 7·938	+20·095	−5	M	...
...	7·865	−46·137	−4	...	...
...	7·742	+ 4·265	0·70	42.4224	10·3
...	7·472	+44·518	− 3	...	...
...	7·311	+10·283	0·70	42.4225	10·3

331 390

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
331					
..	− 6·818	+18·860	0·70	42.4226	10·3
..	6·663	+28·500	−5	...	...
..	6·469	+43·286	0·95	42.4227	9·8
..	6·278	+27·940	−4	...	...
..	6·239	+24·318	−5	...	..
..	− 6·173	+21·162	0·70	42.4228	10·3
..	6·095	−58·411	−4	...	...
...	5·760	− 8·693	−1	B	.
...	5·696	+15·599	−2	A	...
...	5·476	−10·634	0·65	...	...
341					
..	− 5·430	−21·824	−5	M	..
...	5·361	− 6·031	−3	D	
†	5·050	−30·568	−1	...	..
..	4·003	−57·847	−1	43.4238	10·4
..	3·915	+32·355	0·75	42.4229	10·2
*	− 3·266	−41·935	1·35	43.4239	9·2
...	3·133	−32·998	−3	...	...
...	2·752	− 2·386	−5	M	...
	2·749	−22·629	1·00	43.4240	9·8
..	2·648	−15·270	−3	...	...
351					
...	− 2·446	+23·581	0·65	42.4230	10·3
...	2·398	+44·404	−5	M	...
...	2·168	+27·903	−1	42.4231	10·3
...	2·159	−56·419	−5	...	...
...	2·063	−15·716	−1	...	...
...	− 1·983	+22·465	0·65	...	...
...	1·902	− 4·339	−3	M	...
...	1·863	+56·291	1·00	41.4191	10·0
...	1·749	−29·140	−3	...	...
...	1·370	− 0·780	0·70	...	...
361					
*	− 1·018	+10·604	1·30	42.4232	9·4
.	0·872	−32·720	−1	...	...
...	0·833	−57·038	−4	...	...
.	0·170	−23·889	−1	m	...
...	0·161	+ 9·341	0·95	42.4233	9·8
*	− 0·101	+ 6·824	0·75	42.4234	10·0
*	+ 0·150	+49·424	1·15	42.4235	9·4
*	0·251	−37·337	1·05	43.4241	9·4
..	0·309	−52·161	−5	...	...
...	0·358	+51·331	−5	...	...
371					
..	+ 0·683	+ 2·458	−1	42.4236	10·3
S *	1·064	− 9·442	1·60	43.4242	9·3
...	1·108	+25·284	0·70	42.4237	10·3
..	1·366	+35·304	−5	M	...
*	1·438	−35·877	1·00	43.4244	9·6
...	+ 1·725	+30·471	0·65	42.4238	10·3
*	1·828	−57·933	1·10	43.4245	9·6
*	2·062	−41·773	1·10	43.4246	9·3
...	2·244	+ 9·709	−5	M	...
..	2·481	− 8·397	−5	M	...
381					
...	+ 2·496	+10·526	0·85	42.4239	10·2
...	2·546	− 8·605	0·90	43.4247	10·2
...	2·791	+ 1·696	−4	Mm	
.	2·991	−14·392	−4	...	
..	3·161	−54·851	−5	..	.
..	+ 3·168	+23·115	−5	M	...
S *	3·400	+46·389	2·00	42.4240	8·6
...	3·402	−31·541	0·75	43.4248	10·1
...	3·510	−18·275	0·70	43.4249	10·4
*	3·703	−51·898	1·10	43.4250	9·3

391 450

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
391					
	+ 3·796	−55·815	−5	...	...
	4·122	− 6·881	−3	42.4241	10·3
..	4·159	+57·844	−3	..	...
.	4·460	+48·429	−2	42.4242	10·3
...	4·576	+18·350	−4	..	...
	+ 4·726	− 3·916	−2	...	...
.	5·079	−46·060	−3	...	...
...	5·230	−59·245	−3	..	...
.	5·423	−50·289	1·80	43.4251	9·4
...	5·542	−55·126	−3	...	...
401					
...	+ 5·637	+11·695	−2	42.4243	10·3
	5·642	−27·136	0·80	43.4252	10·4
...	5·858	+15·601	0·65	.	.
...	6·003	+22·181	−5	..	.
...	6·148	−32·617	−5	.	...
..	+ 6·185	−54·422	−5	..	...
..	6·224	+55·986	−5	.	
...	6·314	+28·873	−5	...	...
...	6·443	+43·976	0·85	42.4244	10·2
...	7·235	+32·067	−4	...	...
411					
...	+ 7·347	−29·321	−5	...	...
*	7·371	− 7·749	1·10	43.4253	9·4
*	7·405	+49·957	1·50	42.4245	9·4
...	7·873	+54·442	−2	41.4204	10·3
...	7·877	−42·116	1·00	43.4255	9·9
...	+ 7·971	+36·698	0·75	42.4246	10·3
†	8·253	+ 9·832	0·85	42.4247	9·9
...	8·281	+38·184	−5	..	...
...	8·507	+17·864	0·70	..	...
...	8·615	−25·694	−4	...	...
421					
...	+ 8·636	+53·648	−3	41.4206	10·3
...	8·941	+22·410	1·00	42.4248	10·0
...	8·960	− 8·271	0·85	43.4256	9·8
..	9·710	+40·424	−5	..	...
...	9·779	+59·574	−1	41.4208	10·3
†	+ 9·952	+46·865	−5	...	...
...	10·025	+46·365	−5	...	...
..	10·087	−37·135	−3	...	...
S *	10·134	+27·852	2·00	42.4249	8·7
...	10·296	+57·699	−3		.
431					
.	+10·311	−43·788	−5	...	...
...	10·465	−27·345	−3	.	.
..	10·505	+48·641	−5	m	...
..	10·545	−57·693	1·10	43.4257	9·8
...	10·616	−19·742	0·65	...	...
...	+10·665	− 6·654	−5	...	...
†	10·781	−49·998	0·75	...	...
...	10·943	−21·317	0·95	43.4258	9·9
...	11·216	+57·252	−4	...	...
...	11·379	−25·530	0·70	43.4259	10·4
441					
...	+11·430	−22·979	−1	.	...
...	11·578	−32·473	−4	...	...
..	12·276	−26·849	−4		...
†	12·337	−35·047	−5		...
...	12·403	−29·562	−5	m	...
.	+12·820	− 3·362	0·85	42.4250	10·2
...	13·060	−51·092	1·00	43.4260	9·8
..	13·143	+41·752	−5	.	..
..	13·146	+57·044	0·65	.	...
...	13·154	+ 8·775	−3		.

451–510

Notes	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
451					
	+13·[illegible]	−52·23'	0·70	43·4262	10·4
*	13·844	−47·542	1·10	43·4261	9·6
	13·863	[illegible]	− 2	.	.
	14·[illegible]	−58·094	− 5	.	.
	14·245	−39·884	− 3	. .	
	+14·352	− 3·094	0·65	.	
	14·357	−44·494	− 5	〃	. .
	14·374	−53·300	1·75	43·4263	10·2
	14·611	−56·782	1·20	43·4264	9·4
.	14·641	− [illegible]	− 1	...	...
461					
	+14·647	−57·201	2·15	43·4265	8·6
...	15·183	−44·380	1·00	43·4267	9·5
	15·203	−22·743	1·05	43·4266	9·8
*	15·206	+35·594	3·00	42·4251	8·0
.	15·246	−20·976	0·70	...	...
...	+15·335	−35·829	0·70	43·4269	10·4
. .	15·343	+16·362	− 1	42.4252	10·3
	15·368	+49·229	− 1	...	...
. .	15·418	−35·417	− 2	...	...
...	15·444	+52·824	− 2	...	..
471					
	+15·445	−11·768	1·05	43.4268	9·8
.	15·472	+31·333	− 4	...	. .
	15·552	+ 6·664	− 5	...	..
...	15·665	−59·816	− 4	...	
..	15·739	+10·997	− 5	〃	...
.	+15·762	−37·880	0·80	43.4270	10·4
	16·263	−52·045	0·70	43.4271	10·0
	16·319	+12·183	1·00	42.4253	9·7
	16·363	−52·043	0·95	43.4271	10·0
...	16·432	−38·548	− 1	...	
481					
	+16·641	−28·381	0·75	...	
..	16·721	+46·179	− 5	...	.
	16·731	−56·155	− 2	...	...
.	16·873	+ 7·984	− 5	〃	...
	16·910	+52·579	0·65	42.4254	10·3
...	+16·946	−51·906	0·75	43.4272	10·2
	17·[illegible]	−52·910	− 4	...	...
	17·161	+18·988	− 5	...	
*	17·196	+23·703	1·10	42.4255	9·7
	17·320	+17·687	− 5	...	...
491					
	+17·339	−28·780	− 3	...	...
	17·505	−51·661	0·90	43.4273	10·8
	17·666	+46·196	1·00	42.4256	9·8
S	17·675	+58·627	1·70	41.4220	9·2
...	17·876	+13·489	0·90	42.4257	10·0
	+17·933	−17·841	− 4	...	
	18·342	+21·338	− 2	...	
.	18·381	+11·810	− 5	...	
	18·418	−50·353	− 1	〃	
	18·869	+46·901	− 5		
501					
...	+18·992	−12·836	1·00	43.4274	10·5
	19·192	+53·453	0·90	41.4224	10·2
..	19·195	+23·514	− 5	.	..
	19·565	−19·713	0·90	43.4275	10·8
	19·641	−45·903	− 3		
	+19·[illegible]	−41·616	− 4		
	20·080	−32·758	− 5	..	
.	20·086	−26·100	− 5		
	20·566	−[illegible]	− 3	...	
	20·695	−16·809	− 1		

511–570

Notes	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
511					
...	+21·062	+ 9·558	− 5	...	...
	21·226	−48·247	1·00	43.4276	10·5
..	21·453	−46·356	− 5	...	...
*	21·685	−17·579	1·95	43.4277	9·0
...	21·687	−21·135	− 4	...	...
.	+21·741	−32·896	− 5	...	...
...	21·749	+11·104	0·95	42.4258	10·0
...	21·872	+29·076	− 4	. .	.
...	22·132	+58·326	− 5	...	...
...	22·189	+35·042	− 5	...	..
521					
...	+22·430	+ 8·722	− 5	...	...
...	22·566	− 0·371	− 5	〃	...
.	22·667	+40·468	− 5	.	...
...	22·942	+ 6·686	− 2	a	...
.	23·100	+47·224	− 5	...	...
*	+23·356	− 3·700	1·30	42.4259	9·0
...	23·535	+31·991	− 1	...	...
...	24·080	+19·255	− 4	...	...
...	24·346	−55·122	− 3	〃	...
...	24·499	+44·547	− 5	..	. .
531					
...	+24·509	+58·519	− 4	. .	...
†	24·885	+43·674	− 4	42.4260	10·3
...	24·982	− 5·630	0·90	42.4262	10·0
...	25·019	−11·299	− 5	...	...
*	25·154	−42·025	1·00	43.4278	10·4
...	+25·254	+46·991	1·05	42.4261	9·6
	25·285	+32·633	1·10	42.4263	9·4
...	25·370	−19·912	− 5	...	...
...	25·508	+23·385	− 1	...	...
...	25·653	+29·691	− 4	42.4264	10·3
541					
...	+25·748	−17·186	1·00	43.4279	10·4
.	25·758	+53·385	− 5	.	...
...	26·434	−55·105	− 3	43.4280	10·8
*	26·479	− 5·385	2·00	42.4265	8·6
...	26·813	+21·857	0·95	42.4266	10·0
...	+26·873	+ 7·008	− 5		...
...	26·887	+29·870	− 5		..
	27·252	−28·375	− 4		..
...	27·306	−19·045	0·65	...	
†	27·564	− [illegible]	1·00	42.4268	9·7
551					
.	+27·665	+57·884	− 5	...	...
	27·700	−54·039	1·10	43.4282	10·2
*	27·788	−34·741	1·10	43.4281	9·5
	27·790	+12·906	− 5	..	...
...	27·870	+28·338	0·70	42.4267	10·3
...	+28·374	− 3·497	0·95	42.4270	10·0
...	28·423	−22·114	0·70	...	...
*	28·573	+44·850	1·10	42.4269	9·6
*	28·625	−25·797	1·05	43.4283	10·0
	29·009	−40·469	− 5	...	..
561					
*	+29·119	− 6·624	2·00	42.4271	8·6
*	29·336	+ 4·554	1·00	42.4272	9·6
...	29·443	+45·866	− 5	...	...
†	29·456	−52·[illegible]	1·20	43.4284	9·6
..	29·538	−31·539	− 4	...	...
†	+29·766	− 0·994	0·80	42.4273	10·2
.	29·[illegible]	+47·[illegible]	− 5		
.	29·868	− 6·072	− 2	...	...
	29·925	−21·821	− 5	...	...
	29·959	+24·638	− 4	...	.

571–630

Notes	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
571					
...	+30·024	+52·917	0·80	41.4237	10·2
...	30·061	+55·436	− 2	41.4236	10·3
S	30·184	+59·670	2·80	41.4238	8·4
...	30·371	+47·654	0·65	...	...
*	30·626	−41·588	1·05	43.4285	10·2
...	+30·761	+27·114	− 2	...	...
...	30·913	+ 4·278	0·90	42.4274	10·0
...	31·036	−23·879	0·80	43.4286	10·8
...	31·148	−36·367	0·70	...	...
S *	31·165	−48·722	1·80	43.4288	8·5
581					
*	+31·178	−22·583	0·95	43.4287	10·2
...	31·337	+40·041	− 1	...	...
...	31·394	−53·295	0·70	...	...
...	31·833	+46·916	1·00	42.4275	9·8
...	31·836	+28·208	− 2	...	...
...	+32·204	+44·967	0·70	42.4276	10·2
...	32·253	−38·153	− 4	...	...
..	32·288	+11·721	− 1	...	...
...	32·809	+43·907	1·00	42.4277	10·0
...	32·820	− 5·024	− 1	...	...
591					
. .	+32·929	+25·884	0·65	...	...
...	32·972	+36·207	− 1	...	...
...	33·037	−48·979	0·80	43.4291	10·8
*	33·071	−22·131	1·00	43.4290	10·4
	33·421	−50·946	1·05	43.4292	10·0
...	+33·528	+40·350	0·70	42.4278	10·3
...	33·615	− 3·973	− 1	...	...
...	33·715	−31·420	0·95	43.4294	10·4
*	33·849	−12·736	1·00	43.4293	10·2
...	33·906	+36·594	− 4	...	...
601					
*	+33·964	+56·467	1·10	41.4245	9·5
...	34·043	−35·748	− 2	...	...
...	34·358	−13·646	0·90	43.4295	10·6
..	34·367	−48·789	− 5	〃	. .
†	34·[illegible]52	−45·634	− 4	...	.
	+34·938	+ 9·807	− 3	a	..
..	34·980	−51·487	− 4	...	...
*	35·006	− 8·945	1·25	43.4296	9·5
...	35·046	−57·209	− 5	...	...
...	35·069	+ 7·022	− 3	.	...
611					
.	+35·074	+22·279	− 1		...
.	35·789	−21·209	− 2		...
*	36·027	+20·454	2·00	42.4279	8·6
..	36·089	+34·609	− 5	...	...
...	36·144	−29·098	− 2	...	...
...	+36·203	−22·680	− 3	...	...
a	36·523	− 0·219	0·80	42.4280	9·9
†	36·543	−[illegible]34	− 5	...	...
*	36·[illegible]	−47·839	1·15	43.4297	10·0
..	36·686	−37·687	0·65	...	..
621					
*	+36·698	+19·260	0·95	42.4281	9·8
.	36·891	−54·698	− 5	〃	...
...	36·976	+12·333	0·90	42.4282	9·8
	37·236	+27·195	0·70	42.4283	10·3
	37·310	− 6·295	0·80	42.4285	10·3
	+37·[illegible]	+16·[illegible]99	0·75	42.4284	10·3
	37·[illegible]	− [illegible]	− 4	...	...
.	37·651	+ 1·501	− 2	.	
	38·017	−26·860	− 4		
...	38·237	+45·245	− 4		

[illegible] 42·4280, C.P.D., probably wrong.

631 680

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
631					
...	+38·274	−41·003	− 2	.	...
...	38·412	− 4·263	− 3		..
...	38·430	+30·024	− 4		..
...	38·586	− 4·929	− 5	*m*	...
...	38·696	−56·197	0·65	43.4299	10·8
.	+38·852	−12·192	− 5	*m*	...
...	38·878	+19·121	− 2	...	...
...	39·003	− 4·340	− 4	...	...
*	39·022	−17·878	1·00	43.4298	10·2
...	39·079	−29·197	− 1	...	...
641					
...	+39·142	−35·849	− 5	*m*	...
*	39·284	+32·462	1·05	42.4286	9·4
...	39·326	+56·162	− 4	41.4248	10·3
...	39·560	+ 5·088	0·90	42.4287	10·0
†	39·831	− 7·840	− 4	...	...
...	+39·924	−16·659	− 5	.	...
...	39·983	+21·543	− 2	...	...
...	40·117	+21·978	− 5	*m*	...
...	40·386	−46·479	− 1	43.4300	10·8
*	40·433	+32·100	1·00	42.4288	9·5
651					
...	+41·228	+ 6·957	0·80	42.4290	10·2
...	41·344	+30·793	− 3	42.4289	10·3
...	41·435	− 7·951	− 5	...	...
...	41·826	+15·470	− 5	...	...
...	42·110	+46·561	− 5	...	...
...	+42·244	+15·161	0·95	42.4291	9·8
...	42·254	−13·694	− 5	...	...
...	42·464	+15·907	− 2	...	...
*	42·495	−49·756	1·75	43.4301	9·4
†	42·681	+44·771	1·00	42.4292	9·7
661					
...	+42·964	−37·544	− 2	...	...
...	43·151	+38·491	− 5	...	...
...	43·198	−19·258	0·80	43.4302	10·6
...	43·265	−56·877	− 5	...	...
...	43·582	− 8·580	− 4	...	...
...	+43·758	−32·007	1·00	43.4303	10·2
.	44·111	−21·337	− 2	...	...
...	44·121	+27·879	0·95	42.4293	9·9
..	44·260	−32·604	− 3	...	...
...	44·469	−37·132	− 5	...	...
671					
...	+44·611	−14·340	− 4	...	...
†	44·694	−58·809	1·35	43.4306	9·5
†	44·801	−14·230	− 4	...	...
†	44·857	+37·350	0·95	42.4294	9·9
...	45·044	−18·782	1·00	43.4305	10·4
...	+45·093	− 8·769	0·70	43.4304	10·8
...	45·387	−31·096	− 2	..	...
...	45·431	−13·379	− 5	...	...
...	45·709	+ 7·698	− 5	...	...
...	45·734	+33·972	− 5	...	...

681-730

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
681					
...	+45·830	−45·935	− 1	43.4308	10·5
..	45·948	+15·995	0·90	42.4295	10·3
S *	46·080	−21·781	2·25	43.4307	7·8
	46·198	+50·171	− 5	...	..
.	46·215	+49·895	− 5	*m*	...
...	+46·372	+10·602	− 5	.	...
..	46·557	+42·747	1·00	42.4296	9·7
...	46·613	−55·846	− 5	...	...
...	47·009	+34·000	1·00	42.4298	9·8
*	47·017	+52·847	1·35	41.4257	9·5
691					
...	+47·172	+31·134	− 4	...	...
...	47·299	−31·337	− 3	..	...
...	47·308	+48·873	− 1	42.4297	10·2
...	47·340	+27·837	− 2	..	...
...	47·605	+22·375	0·65	42.4299	10·3
*	+48·444	+12·326	1·10	42.4300	9·4
...	48·652	+11·221	0·65	...	...
...	49·082	−54·355	− 1	43.4309	10·4
...	49·134	+56·408	− 5	41.4262	10·3
...	49·336	−12·678	− 3	...	...
701					
...	+49·408	− 6·941	− 5	*m*	...
...	49·904	−53·583	− 5	*m*	...
...	49·959	−19·536	0·65	...	...
*	50·127	−33·549	1·05	43.4310	10·2
...	50·562	−31·732	− 5	*e*	..
...	+50·577	+22·576	0·85	42.4302	10·3
*	50·786	−34·739	1·10	43.4312	10·0
...	50·880	−17·165	0·90	43.4311	10·5
..	50·915	−46·215	0·70	43.4313	10·8
...	50·916	−11·118	− 5	...	...
711					
...	+50·955	+50·526	0·70	42.4301	10·0
...	51·029	+ 2·185	− 5	*m*	...
...	51·039	−17·211	− 4	...	...
*	51·086	−59·507	1·50	43.4314	9·6
	51·104	+42·500	− 3	...	...
...	+51·365	−41·637	− 5	*m*	...
..	51·551	+26·645	− 5	..	...
S *	51·567	+15·183	2·00	42.4303	8·8
...	51·654	−38·841	− 1	...	.
...	52·068	+53·046	− 4	...	...
721					
...	+52·149	+ 2·255	− 4	*e*	.
..	52·595	+25·961	− 4	...	...
...	52·808	−59·642	0·70	43.4315	10·6
...	52·812	+28·535	− 5	*e*	...
...	52·949	−39·698	− 1	...	..
...	+52·994	+37·295	0·65	...	...
*	53·860	−17·927	1·80	43.4316	8·7
...	53·966	−28·655	0·65	...	...
...	54·093	+15·486	0·90	42.4304	10·3
...	54·152	−47·068	− 5	*e*	...

731-761

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. −3.	C.P.D. No	C.P.D. Mag.
731					
..	+54·184	−53·142	0·70	43.4317	10·8
...	54·216	+ 4·969	− 1	...	...
...	54·291	− 4·188	0·85	42.4306	10·3
S †	54·883	+40·964	2·05	42.4305	8·5
—	54·883	−11·039	− 2	*e*	...
...	+55·164	+15·325	− 1	...	...
	55·208	+17·980	− 3	...	..
...	55·354	+37·952	− 5	...	
	55·527	−20·182	0·70	...	
...	55·643	−21·156	− 1	...	...
741					
...	+55·880	− 0·675	− 4	*e*	..
†	56·026	+54·760	− 5	...	...
†	56·092	−49·994	0·85	43.4319	10·6
*	56·142	+48·171	2·00	42.4307	8·9
...	56·415	+21·732	0·85	42.4308	10·3
...	+56·560	−19·507	− 5	...	...
	56·576	−16·739	1·00	43.4318	10·5
...	57·879	−21·393	− 3	...	...
..	58·135	−47·810	− 5	...	...
*	58·431	+47·253	2·15	42.4309	8·7
751					
...	+58·469	−41·327	0·90	43.4321	10·4
†	58·558	−54·918	1·00	43.4323	10·4
.	58·804	+19·118	0·70	...	...
*	58·928	−11·796	1·10	43.4320	10·2
*	59·139	−42·719	1·30	43.4324	10·0
.	+59·208	−57·043	− 2	43.4325	10·8
.	59·238	+ 3·255	0·95	42.4310	10·0
..	59·369	+11·442	− 1	.	...
...	59·377	+23·776	− 3	...	...
†	59·495	− 5·160	− 4	..	..
761					
...	+59·632	−40·470	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
1-60					
1					
...	−59·502	+27·645	−4	A	...
...	59·256	+52·94	−3	...	...
.	59·206	−19·051	−2	...	...
..	59·039	−54·510	0·65	43.4309	10·4
...	58·979	+26·532	−3	...	...
S *	−58·609	+15·077	2·10	42.4303	8·8
*	58·608	−33·672	1·25	43.4310	10·2
	58·483	−11·22	−4	...	...
	58·340	−17·278	0·90	43.4311	10·5
	58·230	−31·843	−4	E	...
11					
	−58·176	−17·318	−4	...	..
	57·944	+35·732	−4	...	...
*	57·922	−34·843	1·40	43.4312	10·0
...	57·899	+25·878	−3	...	...
	57·848	+37·208	−2	...	
...	−57·773	+28·449	−4	E	...
	57·749	−7·77	−4	M	...
	57·951	+2·164	−4	E	...
...	57·450	−46·308	−2	43.4313	10·8
...	56·918	−38·916	−3	..	..
21					
	−56·089	+15·456	0·70	42.4304	10·3
S *	56·073	+40·94	2·60	42.4305	8·5
	55·665	+4·94	−1	...	...
	55·610	−39·78	−2	...	...
.	55·497	+37·59	−4	...	..
.	−55·358	+54·73	−3		...
*	55·322	−4·200	1·00	42.4306	10·3
*	55·322	−17·940	2·20	43.4316	8·7
	55·24	+17·954	−3	..	...
..	55·21	+31·126	−4	...	...
31					
*	−55·029	+47·185	2·20	42.4307	8·9
..	55·028	+15·322	−2	...	
	54·908	−28·664	−1	...	.
...	54·541	−11·035	−4	E	.
...	54·187	−47·57	−4	E	
	−54·173	+34·781	−4	...	...
	53·975	−53·134	−1	43.4317	10·8
.	53·960	+21·76	0·70	42.4308	10·3
	53·834	−0·655	−4	E	.
	53·600	−20·145	−1		
41					
	−53·573	+18·018	−4	.	...
...	53·471	−43·319	−4		
	53·438	−21·126	−2		
	53·178	−2·046	−4		
	52·983	+14·840	−4		
	−52·736	+18·983	−4		...
*	52·708	+47·340	2·30	42.4309	8·7
*	52·649	−16·683	1·15	43.4318	10·5
	52·484	+15·721	−4	...	...
	52·179	−33·45	−4	..	.
51					
...	−52·166	−47·941	0·80	43.4319	10·6
	52·010	+23·817	−4		
...	51·978	+53·61	−4	.	
	51·697	−28·707	−4	B	
	51·512	+19·223	−1		
...	−51·220	−21·292	−1		
	51·08	+23·882	−3	...	...
...	50·969	+46·471	−4		
	50·718	+11·575	−2		...
	50·69	−31·117	−4		...
61-120					
61					
..	−50·619	+39·638	−3	...	...
*	50·598	+3·379	1·20	42.4310	10·0
...	50·562	+24·098	−4	...	...
*	50·480	+28·241	1·20	42.4311	9·8
*	50·452	−11·960	1·20	43.4320	10·2
...	−50·441	+26·171	−4	A	...
	50·188	−47·695	−4	...	...
.	50·097	−5·034	−4	...	...
*	50·067	+34·488	1·00	42.4312	10·3
*	50·043	−41·197	1·20	43.4321	10·4
71					
...	−49·867	−23·995	−4	...	...
†	49·729	+15·396	−3	...	...
...	49·559	−54·787	0·85	43.4323	10·4
*	49·484	+36·620	1·00	42.4314	10·0
*	49·321	−42·560	1·30	43.4324	10·0
*	−49·298	+14·154	1·20	42.4313	9·7
	49·283	+16·668	−4	...	...
*	49·020	+39·372	1·00	42.4315	9·9
...	48·917	−40·313	−4	...	...
...	48·840	−56·889	−3	43.4325	10·8
81					
*	−48·836	−28·204	1·15	43.4326	10·4
...	48·431	−13·010	0·80	...	...
...	48·408	+42·498	0·90	42.4317	9·9
N *	48·272	+24·469	1·80	42.4316	9·0
...	48·143	−21·303	−4	...	...
..	−48·120	+34·083	−3	A	...
*	47·999	+58·142	1·20	41.4284	9·8
...	47·929	−45·841	0·80	43.4327	10·6
*	47·790	−3·655	1·10	42.4318	9·8
...	47·576	+34·540	−3	...	...
91					
...	−47·530	+19·282	−4	...	...
...	47·286	−43·560	0·65	43.4328	10·8
*	47·221	+10·169	1·00	42.4319	9·9
*	47·197	+9·416	1·10	42.4320	9·7
*	46·949	−17·929	1·10	43.4330	10·4
S †	−46·786	−44·244	2·00	43.4329	8·6
*	46·764	+31·882	1·00	42.4321	10·2
.	46·759	−19·112	−4	.	.
	46·755	−26·874	−3		...
...	46·714	+3·107	−1		...
101					
	−46·686	+31·031	−4		...
	46·611	−40·217	0·65	43.4331	10·8
..	46·452	−11·526	−4	...	...
.	46·408	−4·342	−4	M	...
...	46·246	−22·784	−4	...	...
*	−46·106	+8·757	1·50	42.4322	9·2
	45·787	+34·736	−3	...	..
..	45·707	+46·890	−4	...	...
.	45·469	−16·259	0·70	...	..
.	45·277	+42·898	−4	.	...
111					
	−44·869	+42·898	−4		
	44·847	−6·552	0·90	42.4323	10·3
..	44·252	+46·701	−3	...	...
	44·142	−14·0	−4	M	...
	44·133	−31·63	0·80	43.4332	10·6
*	−44·061	−21·301	1·00	43.4333	9·3
	43·399	−58·040	−4	...	...
	43·356	+39·734	−4	...	...
‡	43·047	+45·38	1·20	42.4324	9·6
	42·892	+13·788	−4	M	...
121-180					
121					
...	−42·864	+6·919	0·65	...	...
	42·643	+31·557	−1	...	...
...	42·454	+20·365	−4	...	...
*	42·409	+46·099	1·20	42.4325	10·2
...	42·119	+26·563	−4	...	...
..	−41·890	+40·643	0·90	42.4326	10·6
*	41·731	−44·566	1·10	43.4335	10·2
...	41·730	+8·502	−4	...	...
...	41·601	+59·882	−3	41.4294	10·3
...	41·577	−7·419	0·70	...	...
131					
*	−41·481	−26·136	1·40	43.4336	9·4
...	41·301	+5·305	−4	...	...
..	41·186	−18·812	−4	...	...
...	41·008	−19·633	−4	.	...
...	40·983	−32·385	−3	..	...
†	−40·059	+35·443	−4	...	...
*	39·617	−2·311	1·25	42.4327	10·2
...	39·610	−7·637	−4	M	...
*	39·468	+0·986	1·45	42.4328	9·4
*	39·461	−16·805	1·25	43.4338	10·2
141					
...	−39·337	+18·086	−4	...	...
...	39·311	−45·990	−3	...	...
...	39·298	+30·842	−4	..	...
...	39·224	−29·163	−3	...	...
...	39·201	−55·843	−2	43.4337	10·8
*	−39·064	−43·632	1·20	43.4339	10·2
...	38·900	+47·440	0·85	42.4330	10·6
*	38·816	+41·575	1·25	42.4329	10·2
...	38·720	−4·376	−4	M	.
...	38·660	+14·347	−4	A	...
151					
.	−38·590	−3·837	0·75	...	...
...	38·279	−49·443	−2	...	...
...	38·078	+7·733	−2	...	..
...	37·954	−11·525	−3	...	...
...	37·861	+37·977	−4	..	...
...	−37·840	−38·161	−4	B	.
...	37·685	−22·922	−2	...	.
..	37·343	+14·252	−4	A	...
*	37·336	−37·10	1·25	43.4341	10·0
S *	37·229	+6·265	1·40	42.4331	9·4
161					
	−37·105	+13·644	0·75	...	...
...	37·063	+24·341	−4	...	...
*	37·027	+35·682	1·30	42.4332	9·9
...	36·975	+14·720	−4	M	...
..	36·437	+41·315	−4	...	...
...	−36·269	+33·668	−4	.	..
...	36·215	−41·82	−4	...	...
...	36·207	−29·916	−4	..	...
*	36·195	+42·217	1·25	42.4333	10·2
.	35·928	+27·988	−4	...	...
171					
	−35·876	−49·797	−2	43.4343	10·8
...	35·782	+3·059	−2	..	...
*	35·773	−29·654	2·20	43.4344	9·0
*	35·689	+25·861	1·35	42.4334	10·0
..	35·552	−46·335	−4	...	...
.	−35·523	−37·941	−4	...	...
.	35·317	−21·909	−4	...	...
*	35·268	−8·136	1·20	43.4346	10·2
...	35·235	+0·14	−4	a	...
*	35·202	+32·605	1·30	42.4335	10·0

H in small diam. 1·135.
S ... 72, 221, 331, 511, 528, 84.
B ... 282, 476, 544, 587.
84. Mass. 12·01. two stars.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	z.	No.	Mag.
181 240					
181				°	
...	−35·125	−39·992	− 4	...	...
*	34·674	+33·349	1·05	42.4336	10·4
...	34·521	+34·556	− 3	...	...
..	34·307	+51·233	0·70	...	...
...	34·292	−43·394	0·75	...	...
*	−34·231	−49·030	1·35	43.4347	9·6
S	34·204	+57·564	3·30	41.4307	7·5
...	33·864	−27·449	− 2	...	...
...	33·732	+47·851	− 4	...	...
...	33·474	− 8·413	− 4	...	...
191					
...	−33·008	+14·181	− 4	M	...
...	32·962	+53·007	0·80	41.4309	10·6
...	32·885	−24·732	− 3	...	...
...	32·665	+ 3·973	− 2	...	.
...	32·618	+24·224	− 2	...	...
...	−32·460	−26·423	− 4	M	...
...	32·448	−48·788	0·80	43.4349	10·8
...	32·349	+ 7·577	0·65	...	...
..	32·062	+54·189	− 2	...	...
*	32·049	−28·259	1·10	43.4350	10·8
201					
...	−31·773	−10·690	− 4	M	...
...	31·700	+ 2·302	− 2	...	...
..	31·587	− 3·110	− 1	..	...
...	31·576	− 3·539	− 4	M	...
...	31·571	+37·915	− 4	..	...
.	−31·571	−14·776	− 4	...	...
...	31·535	+25·544	− 2	..	...
...	31·501	+41·729	− 2	...	...
...	31·476	+51·767	− 3	...	...
..	31·200	−19·591	− 4	...	...
211					
...	−31·075	+ 9·028	− 1	..	...
...	30·999	−38·456	− 4	..	...
...	30·848	+51·474	0·65	..	..
..	30·515	− 2·161	− 4	..	...
...	30·387	+24·680	− 4	M	...
...	−30·305	−54·989	− 4	B	...
*	30·279	+20·864	1·35	42.4337	9·7
...	30·094	+58·642	0·70	...	...
...	30·056	+38·751	− 3	...	.
...	30·040	+ 8·458	0·75	...	...
221					
...	−29·636	+27·839	− 4	M	...
...	29·604	+23·215	− 2	...	...
...	29·367	−52·847	− 2	...	...
...	29·144	−43·317	0·85	43.4351	10·8
*	28·854	−15·927	1·20	43.4354	10·0
*	−28·823	−32·835	1·10	43.4353	10·4
...	28·699	−23·460	0·70	...	...
*	28·636	−27·470	2·40	43.4355	8·4
*	28·609	−40·786	1·40	43.4356	9·2
...	28·410	−35·661	− 4	D	..
231					
...	−28·374	−55·074	0·90	43.4357	10·8
...	28·354	+29·860	− 3	...	...
*	28·050	+51·900	1·00	42.4338	10·6
†	27·776	−39·413	1·10	43.4358	9·9
*	27·650	−36·463	1·00	43.4359	10·5
..	−27·611	−18·938	0·65	...	...
...	27·571	−54·760	− 4	...	...
...	27·564	+54·416	− 4	...	...
...	27·524	− 7·355	0·90	43.4360	10·8
...	27·506	+10·318	− 3	...	...
241–300					
241				°	
..	−27·356	+46·569	− 2	...	...
..	27·280	−21·985	− 2	...	...
+	26·855	+23·159	1·00	...	...
	26·690	−54·304	− 3	43.4362	10·8
...	26·662	−48·359	− 4	...	...
	−26·562	−24·703	− 4	M	...
...	26·471	−14·842	− 2	...	...
*	26·438	+40·864	1·00	42.4339	10·6
...	26·344	+24·779	− 4	M	...
*	26·155	+12·003	1·00	42.4340	10·6
251					
...	−26·056	+ 2·352	0·80	...	..
..	25·801	−24·060	0·70	...	...
...	25·453	+20·228	− 4	M	...
...	25·369	−22·687	− 2	..	...
..	25·056	+18·702	0·90		...
†	−24·862	+41·745	− 3	..	...
...	24·675	−13·115	0·80	...	...
...	24·249	+ 0·984	0·90	...	.
...	24·181	−27·609	− 2	...	...
...	24·172	+15·771	− 4	...	
261					
...	−24·155	−11·135	0·80	...	...
..	23·885	+52·982	− 4	...	...
...	23·467	+47·936	− 3	...	...
*	23·404	+31·745	1·00	42.4341	10·6
...	23·212	−15·609	− 4	...	
..	−23·001	+ 0·530	− 3	...	
...	22·917	−38·599	− 4	M	..
...	22·599	− 3·698	− 4	M	..
...	22·427	+46·256	− 4	...	...
...	22·271	−45·819	0·90	43.4363	10·8
271					
...	−22·267	−34·000	− 2	...	...
...	21·736	+20·287	− 2	..	...
*	21·719	+22·082	1·10	42.4342	10·4
...	21·567	+12·596	− 4	...	...
*	21·202	−32·110	1·10	43.4364	10·4
*	−21·165	+52·448	1·10	42.4344	10·6
...	21·134	+31·771	− 4	...	...
*	21·102	+18·568	2·10	42.4343	8·9
...	21·002	+47·702	− 4	...	...
..	20·628	+30·787	0·90	42.4345	10·6
281					
...	−19·921	−45·384	− 4	...	..
†	19·797	−32·574	0·90	43.4365	10·4
†	19·770	+51·768	− 4	...	...
...	19·505	+39·722	0·80	...	...
*	19·467	−37·609	1·00	43.4366	10·4
...	−19·251	−13·034	− 4	...	...
...	19·215	+58·363	0·80	41.4327	10·6
...	19·097	+54·258	− 2	...	...
...	19·044	+47·264	0·70	...	...
*	18·955	−40·456	1·15	43.4367	9·8
291					
...	−18·829	−25·649	0·80	43.4368	10·8
...	18·812	−35·750	− 1	...	...
*	18·528	−12·431	1·15	43.4371	9·8
*	18·524	+38·553	1·00	42.4346	10·6
...	18·499	+23·371	− 3	...	...
*	−18·493	+21·930	2·30	42.4347	8·0
*	18·444	+31·692	2·00	42.4348	8·4
...	18·405	+19·246	− 4	...	...
...	18·245	+19·306	0·70	...	...
...	18·189	−13·734	− 1	...	...
301–360					
301				°	
...	−18·169	− 0·340	− 3	B	...
...	18·165	−30·195	− 1	...	...
..	18·127	−58·409	− 3	43.4372	10·8
...	18·046	−49·538	0·70	43.4373	10·8
...	17·508	+47·340	− 1	...	...
.	−17·483	+16·861	− 4	M	...
..	17·414	+14·676	− 4	...	...
...	17·373	+56·533	− 3	...	...
...	17·310	+22·285	− 3	...	...
...	17·294	−46·807	0·90	43.4374	10·6
311					
...	−16·933	+ 9·291	− 4	M	...
..	16·883	−14·232	− 3	...	...
...	16·872	−50·799	− 4	M	..
.	16·737	− 6·869	− 3	...	...
...	16·690	−55·561	− 4	M	..
...	−16·685	+18·909	− 4	...	...
..	16·530	+ 3·806	− 4	M	...
...	16·443	+26·473	0·70	...	..
...	16·288	+17·446	− 3	...	...
...	16·260	− 4·631	− 4	...	...
321					
*	−16·199	− 3·870	1·00	42.4349	10·4
...	16·084	+46·735	− 1	...	...
...	16·069	−36·844	− 4	...	...
..	15·983	−45·625	0·90	43.4376	10·8
...	15·953	−27·035	0·85	43.4375	10·8
...	−15·768	−52·440	− 2	...	...
*	15·731	+13·682	1·00	42.4350	10·4
...	15·713	+26·928	− 1	...	...
...	15·629	− 8·770	− 3	...	...
*	15·589	−41·845	1·15	43.4378	10·0
331					
*	−15·557	−17·343	1·00	43.4377	10·5
...	15·504	+ 0·734	− 1	...	...
	15·292	−31·587	0·65	...	...
*	15·216	+48·704	1·05	42.4351	10·2
...	15·103	+38·610	− 3	...	...
...	−15·096	+ 1·749	− 3	C	...
*	15·054	+42·006	1·00	42.4352	10·4
..	15·047	−23·021	− 3	...	...
†	14·900	+37·034	− 4	...	...
*	14·639	+28·546	1·20	42.4354	10·0
341					
...	−14·588	− 4·073	0·85	42.4353	10·6
...	14·453	−47·073	0·85	43.4379	10·4
*	14·170	+ 3·892	1·05	42.4355	10·0
..	14·080	−42·689	− 2	...	...
...	13·958	+ 9·103	− 2	...	...
...	−13·743	−42·202	− 4	M	...
*	13·654	−51·227	1·00	43.4380	10·4
...	13·635	−28·771	− 1	...	...
..	13·615	+22·308	− 3	...	...
...	13·573	+47·481	− 4	...	...
351					
*	−13·348	−39·652	1·30	43.4381	9·5
...	13·307	−52·456	0·75	...	...
..	13·251	−44·663	0·75	43.4382	10·8
...	12·849	−24·850	0·75	...	...
...	12·740	+32·273	− 4	A	...
...	−12·713	−30·737	0·65	...	...
*	12·657	+33·272	1·00	42.4356	10·2
..	12·453	−24·154	0·75	...	...
..	12·335	+47·851	− 1	...	...
...	12·273	−58·795	− 3	...	...

361–420

Notes.	Co-ordinates. x.	y.	Diam. − z.	C.P.D. No.	Mag.
361					
	−12′·20	+ 3′·576	0·80	..	...
	12·012	+35·304	2·00	42·4357	8·4
..	11·981	+21·951	− 3	...	...
*	11·827	−33·146	1·20	43·4384	9·5
...	11·727	+17·340	− 2	..	...
*	−11·433	+21·636	1·20	42.4358	9·8
*	11·091	+ 6·027	1·00	42.4359	10·2
.	10·909	−37·795	− 3	...	...
*	10·891	+ 1·016	1·25	42.4360	9·5
..	10·863	−32·044	0·80	43.4386	10.8
371					
..	−10·734	+36·640	− 2	...	.
	10·434	−30·430	0·65	...	...
...	10·257	−39·999	0·70	43·4387	10·8
	10·239	−27·265	− 3	...	...
*	10·225	+36·594	1·05	42.4361	10·2
	−10·155	+40·840	− 4	...	...
.	10·151	−22·651	0·75	43.4389	10·8
*	10·134	−21·518	1·00	43.4388	10·2
*	10·019	+22·035	1·00	42.4362	10·2
...	9·981	+ 1·180	− 2	...	..
381					
...	− 9·625	+ 9·235	− 2	...	...
.	9·542	− 0·127	− 2	a	.
.	9·495	+43·635	− 2	...	...
.	9·410	+32·286	− 4	M	...
.	9·344	+40·287	1·05	42.4363	10·2
...	− 9·051	+30·039	0·90	42.4364	10·6
.	9·049	+22·986	− 3	..	..
*	9·004	−24·581	1·1	43·4391	10·4
*	8·857	−19·043	1·1	43·4392	10·4
.	8·792	−3·337	− 4	M	
391					
	− 8·749	+17·695	− 3		
	8·676	−43·383	− 4		.
..	8·456	+16·699	− 2		...
...	8·360	+25·041	− 4	M	.
...	8·281	− 3·994	0·70		..
..	− 8·214	−38·343	− 3		...
*	8·031	−18·682	1·00	43·4393	10·4
..	7·890	+50·751	− 3	...	..
..	7·711	+50·139	− 4	...	..
...	7·484	+35·295	0·80	42.4365	10·6
401					
	− 7·286	+46·769	1·15	42.4366	10·0
	7·197	−32·599	− 3	...	...
..	6·910	−43·[illegible]	[illegible]	43·4394	10·8
...	6·871	−54·610	− 3	...	..
	6·832	+39·787	− 4	M	
	− 6·694	+60·055	− 4		
	6·647	−33·205	− 4	M	
	6·[illegible]	[illegible]	− 1		...
*	6·557	+32·236	1·30	42.4367	9·6
...	6·488	+40·039	− 4		...
411					
	− 6·416	−21·781	− 4	.	..
...	6·112	− 6·065	− 4		...
	6·050	+21·520	0·80	42.4368	10·0
.	5·971	[illegible]	− 4	M	...
*	5·877	−38·395	1·00	43·4395	10·2
	− 5·[illegible]	[illegible]	− [illegible]		...
	5·[illegible]	− 8·[illegible]	− [illegible]		
*	5·541	− 9·[illegible]	1·1	43.4396	10·2
†	5·511	−39·361	− 4	...	.
...	5·[illegible]	+12·788	0·90	42.4369	10·6

421–480

Notes.	Co-ordinates. x.	y.	Diam. − z.	C.P.D. No.	Mag.
421					
...	− 5′·282	−55′·080	0·70	43.4397	10·8
..	5·095	+47·338	− 4	...	...
..	5·095	−21·247	− 4	m	...
.	5·019	− 2·747	− 4	m	...
.	4·991	− 2·442	0·65	...	...
...	− 4·985	+20·354	− 4	...	...
‡	4·844	+15·337	1·25	42.4370	9·8
	4·842	+13·553	0·90	42.4371	10·4
*	4·749	+39·788	1·20	42.4373	9·9
*	4·747	+17·283	1·60	42.4372	9·1
431					
...	− 4·653	+ 3·506	0·65	...	...
*	4·605	+50·514	1·00	42.4374	10·2
.	4·575	− 6·946	− 4	M m	...
...	4·449	+10·361	− 2	...	..
	4·219	−46·859	− 4	..	...
.	− 4·157	−51·581	− 2	...	...
...	3·871	+ 7·051	− 3	M m	...
..	3·861	−17·241	0·70	43.4398	10·8
	3·852	+46·498	− 2	...	..
..	3·752	+ 9·381	− 3	M m	...
441					
.	− 3·732	+16·551	0·65	..	...
...	3·679	+43·776	0·70	...	...
...	3·501	+ 5·906	− 2	...	...
	3·358	+11·182	− 4	m	..
.	3·326	−37·026	− 4	...	..
...	− 3·157	+28·572	− 4	M m	...
*	3·098	−47·298	1·00	43·4399	10·8
*	2·866	−28·484	1·10	43.4400	10·4
.	2·644	−49·284	− 4	..	...
..	2·413	−23·612	− 3	...	...
451					
.	− 2·30[illegible]	−48·940	0·9[illegible]	43.4401	10·8
	2·227	+40·783	− 4	M	
.	1·862	+28·476	− 4	M m	.
..	1·847	−40·618	− 2	...	...
	1·698	+19·312	0·70	...	...
*	− 1·678	−13·833	1·00	43.4402	10·4
...	1·665	+53·259	0·70	...	..
...	1·013	−19·581	− 3	m	.
..	1·577	2[illegible]	− 4	m	
...	1·533	+22·966	− 3	...	.
461					
	− 1·383	− 1·172	0·90	42.4375	10·6
..	0·985	+37·194	0·90	43.[illegible]6	10·6
.	0·939	−23·129	− 1	..	...
.	0·720	−24·046	− 4	M m	...
	0·701	[illegible]	− 4	M m	...
*	− 0·675	−12·864	2·20	43.4[illegible]	8·2
	0·549	−43·[illegible]	− [illegible]	.	
.	0·422	−27·864	1·00	43.4406	10·6
	0·345	+ 7·135	− 4	M m	...
	0·219	−50·867	− 4	m	...
471					
S	− 0·139	−12·278	3·00	43.4408	7·8
*	0·124	−16·976	1·00	43.4407	10·2
.	− 0·047	+15·146	− 3	...	
†	+ 0·092	+15·074	− 4	M	.
	0·607	+33·581	− 4	M	
	+ 0·816	−59·446	− 4		...
	0·849	−35·928	− 1	...	...
	0·888	−36·257	0·70		
†	0·903	−24·371	− 4		...
*	0·907	+42·581	1·1	42.4377	10·0

481–540

Notes.	Co-ordinates. x.	y.	Diam. − z.	C.P.D. No.	Mag.
481					
...	+ 1′·215	+ 0′·926	− 3	M m	...
.	1·335	+34·173	− 4	M	...
...	1·376	+15·796	− 3	..	...
*	1·392	−42·416	1·30	43.4410	9·2
*	1·519	−17·856	1·10	43.4411	9·9
*	+ 1·943	−21·396	1·00	43.4412	10·4
...	1·979	+25·270	0·70	...	...
*	2·072	−38·201	1·10	43.4413	10·0
...	2·142	+27·804	0·70	...	...
S *	2·448	+31·081	2·23	42.4378	8·4
491					
..	+ 2·569	+27·048	0·90	42.4379	10·6
*	2·662	+ 3·902	1·00	42.4380	10·2
*	2·777	+22·290	1·00	42.4381	10·2
..	2·937	−36·795	− 2	m	...
.	2·964	− 7·159	0·70	...	...
..	+ 3·112	+ 1·938	− 3	M m	...
...	3·133	−19·108	− 3	m	...
...	3·321	−30·943	− 4	m	...
*	3·411	+46·944	1·30	42.4382	9·9
...	3·775	+ 5·601	− 3	M	...
501					
...	+ 3·791	+ 7·520	− 3	M	...
...	3·953	+55·252	− 4	...	...
..	4·030	−37·828	− 4	m	..
*	4·103	−48·008	1·20	43.4416	9·6
*	4·107	−32·437	1·00	43.4414	10·8
...	+ 4·254	+ 9·503	− 2	M	...
..	4·270	+ 9·193	− 1	...	...
...	4·310	−41·242	0·80	43.4417	10·8
...	4·326	−38·406	− 3	...	...
...	4·494	− 3·418	− 3	m	...
511					
.	+ 4·781	−25·356	− 2	...	...
..	4·873	−57·472	0·85	43.4418	10·6
..	4·985	−24·898	− 4	M m	...
†	5·061	−20·277	− 2	43.4419	10·8
†	5·126	−19·203	− 3	...	...
*	+ 5·22[illegible]	−48·332	1·25	43.4420	9·5
..	5·448	+22·651	− 4	m	..
...	5·501	− 5·060	− 3	a	.
...	5·569	−35·474	0·70	...	..
..	5·[illegible]	−57·186	− 3	...	..
521					
.	+ 5·839	+14·536	0·75	42.4383	10·6
	6·030	+49·091	0·80	...	...
.	6·492	+ 8·471	− 3	...	...
.	6·524	− 3·327	0·70	42.4384	10·6
	6·815	+14·030	0·70	.	...
	+ 6·824	+30·867	− 3		...
..	6·893	+ 7·786	− 2		
...	6·953	−11·434	− 1	...	...
*	6·994	+ 7·325	1·10	42.4385	9·8
.	7·087	−51·325	− 2	..	...
531					
‡	+ 7·122	−44·322	1·00	43.4421	10·4
..	7·259	−13·586	0·70	...	...
*	7·551	−27·046	1·1	43.4422	10·0
	7·820	−17·688	− 4	m	...
	7·953	−15·057	− 3	b	...
.	+ 8·022	+41·424	− 4	..	...
...	8·277	− 3·805	− 3	m	...
*	8·396	+31·329	1·00	42.4386	9·8
...	8·618	−16·823	− 3	m	...
...	8·668	−13·797	− 1	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
541-600					
541					
*	+ 8·812	+ 2·805	1·30	42.4388	9·4
*	8·889	+19·971	1·00	42.4387	10·6
...	9·221	+54·196	− 4	.	...
...	9·298	+17·945	0·80	.	
...	9·503	−50·026	− 1	.	...
...	+ 9·800	−18·686	− 1	...	...
.	9·802	−23·983	− 3	m	...
..	9·934	+35·486	0·90	42.4389	10·4
...	10·003	−24·793	− 4	m	...
...	10·008	− 4·271	− 3	...	...
551					
†	+10·120	+15·142	− 4	m	...
‡	10·141	+13·028	1·15	42.4390	10·0
...	10·193	+15·815	− 4	...	...
†	10·255	−44·405	− 4	m	...
†	10·386	−54·279	− 3	43.4423	10·8
...	+10·449	−50·851	− 1	43.4425	10·8
...	10·530	+29·801	− 3	...	...
*	10·545	+45·234	1·35	42.4391	9·2
*	10·569	−32·087	1·10	43.4426	10·2
...	10·697	+41·487	0·80	...	...
561					
...	+10·756	−46·64	0·90	43.4428	10·8
*	10·788	−15·464	1·10	43.4427	10·2
...	10·798	+ 2·857	− 2	...	...
*	10·800	−34·231	1·20	43.4429	10·0
..	10·868	− 3·838	− 4	m	..
..	+10·891	+ 9·533	− 4	m	...
...	10·911	+55·166	− 4		.
...	10·942	−39·130	− 4	...	..
...	10·953	+34·110	− 4	...	..
...	11·020	+28·600	− 3		...
571					
...	+11·028	−19·220	− 2	..	..
...	11·060	−31·130	− 1		..
...	11·178	−17·565	− 4	m	...
*	11·275	−41·539	1·10	43.4430	10·2
S *	11·304	−58·515	2·05	43.4431	8·9
...	+11·512	+25·910	− 4	...	..
...	11·661	− 8·287	− 4	m	.
...	11·665	− 8·589	− 4	m	.
...	11·714	+50·611	− 3	...	...
...	11·765	−51·001	− 2	...	.
581					
...	+11·904	−29·640	0·80	43.4433	10·8
...	11·916	+44·438	− 4	...	...
*	11·940	−50·979	1·00	43.4434	10·0
...	12·106	+31·073	− 4	m	...
...	12·233	−52·220	− 4	...	...
...	+12·250	+40·958	0·70	...	...
*	12·314	+13·649	1·40	42.4392	9·4
...	12·474	−37·055	− 4	m	...
...	12·757	−42·018	− 1	...	...
*	12·788	+13·099	1·10	42.4393	10·0
591					
*	+12·812	−42·968	1·00	43.4435	10·6
..	12·827	+22·866	− 3	...	...
...	12·878	+ 8·524	− 4	m	...
*	12·907	−50·779	1·10	43.4436	10·0
...	12·983	− 1·864	0·80	42.4394	10·6
*	+13·031	+59·791	1·20	41.4363	9·9
...	13·136	+29·194	− 3	...	...
a *	13·156	+ 0·115	1·00	42.4395	10·4
‡	13·160	− 4·535	1·20	42.4396	9·7
...	13·286	+32·386	0·70	...	...
601-660					
601					
.	+13·467	+27·253	1·00	42.4397	10·6
.	13·594	+38·717	− 2	..	..
	14·017	+31·963	− 2	...	..
	14·140	− 6·683	0·65	42.4398	10·8
..	14·235	+34·560	− 3	.	...
.	+14·400	+17·832	0·90	...	...
*	14·420	−41·460	1·10	43.4438	10·4
*	14·663	−57·780	2·20	43.4440	8·3
*	14·757	−19·326	1·10	43.4439	10·2
...	14·763	−23·915	− 4	m	...
611					
...	+14·818	+30·135	− 4	...	...
S *	14·849	+54·027	2·60	41.4364	8·4
...	14·851	−33·433	− 4	...	...
...	15·476	+ 7·878	0·80	42.4399	10·6
...	15·643	−11·646	− 3	m	.
...	+15·740	+14·335	− 2	...	...
...	15·772	−16·140	− 3	...	.
...	15·805	+33·370	− 4		...
...	16·002	−34·238	− 4	.	...
...	16·330	− 3·340	0·70	...	...
621					
...	+16·340	− 5·061	0·80	42.4401	10·8
...	16·357	+40·916	0·90	42.4400	10·6
...	16·806	+29·460	− 4	m	...
..	16·829	−31·525	0·70	43.4441	10·8
...	16·851	− 1·485	0·80	42.4402	10·6
...	+16·938	−41·937	− 4	m	.
...	16·964	−33·728	0·70	...	..
..	16·968	+14·305	− 3	...	...
...	17·186	−49·116	− 4	...	...
*	17·299	+51·823	1·10	42.4403	10·0
631					
...	+17·349	− 3·068	0·80	...	.
..	17·478	+21·450	− 3		
...	17·622	− 1·409	− 3	m	...
...	17·668	+53·965	− 4	..	...
...	17·684	−48·685	− 3	.	..
.	+17·992	−44·051	− 4	.	
..	18·030	−38·096	− 3		...
...	18·217	+28·435	− 2	.	..
...	18·280	−45·388	− 2	..	.
...	18·309	+41·108	− 3	..	
641					
..	+18·448	−15·421	0·80	43.4442	10·8
.	18·497	+49·249	− 3	...	...
*	18·586	− 6·595	2·20	42.4404	9·0
...	18·847	+48·741	− 3	...	...
*	18·981	− 9·961	1·70	43.4443	8·9
*	+19·049	+32·310	1·20	42.4405	10·2
..	19·427	−54·558	− 4	...	...
*	19·535	+26·747	1·30	42.4406	9·6
*	20·249	+50·079	1·30	42.4407	9·5
...	20·371	+ 3·846	− 2	...	...
651					
...	+20·464	+ 1·564	− 4	m	...
...	20·549	−18·905	0·70	43.4445	10·8
...	20·588	−48·137	− 2	...	...
*	20·658	−20·004	1·90	43.4444	8·8
..	20·709	−30·879	− 3	h	...
.	+20·977	+59·241	0·70	...	...
*	21·030	−35·608	3·00	43.4446	7·6
...	21·270	+47·665	− 2	...	...
*	21·344	−37·875	1·00	43.4447	10·8
...	21·513	+32·014	− 4	...	...
661-720					
661					
.	+21·587	+42·152	− 4	...	...
*	21·648	− 3·343	1·05	42.4408	10·6
.	21·734	−24·063	− 4	m	...
..	21·832	− 9·724	− 1	..	...
*	21·834	−45·431	2·00	43.4448	8·7
..	+22·136	+53·459	− 4	a	...
..	22·333	−38·236	− 3	...	...
...	22·364	+39·440	0·85	...	...
...	22·705	+29·057	− 4	...	...
...	22·803	+25·569	− 3	...	.
671					
...	+23·063	−25·789	− 3	..	...
	23·195	−29·284	− 4	m	...
.	23·204	−58·862	− 4	m	...
.	23·216	+45·274	− 4	.	...
..	23·317	+57·753	− 4		...
...	+23·347	+51·002	0·70	...	...
*	23·447	+10·973	1·00	42.4409	10·6
*	23·530	− 8·889	1·15	43.4449	9·6
..	23·689	+ 2·253	− 3	a	...
...	23·695	+11·782	0·80	...	...
681					
...	+23·707	−57·265	− 4	m	..
...	23·749	+ 8·348	− 4	m	...
...	24·342	−44·655	− 3	...	...
...	24·451	−23·238	0·75	43.4450	10·6
...	24·471	+22·722	− 3	...	...
...	+24·599	−19·190	0·80	43.4451	10·8
...	24·617	−55·934	− 3	...	...
...	24·700	−27·488	0·65	...	...
.	24·852	−38·937	− 3	a	...
...	24·870	−22·573	− 3	...	...
691					
..	+24·940	+14·732	− 4	m	...
	24·976	+44·552	0·65	42.4410	10·6
	24·989	+14·672	− 4	m	...
*	25·288	−33·861	1·00	43.4452	10·4
..	25·357	− 8·566	− 4	m	...
*	+25·419	−50·261	1·00	43.4453	10·2
...	25·471	+54·508	− 3	...	...
...	25·676	+22·181	− 4	m	...
*	25·698	−49·551	1·00	43.4454	10·2
...	26·132	+45·173	− 3	...	...
701					
*	+26·465	− 7·412	1·00	43.4455	10·4
...	26·540	− 7·863	− 1	a	...
*	27·077	+10·863	1·50	42.4411	9·5
...	27·099	−19·110	− 3	m	...
..	27·140	−22·047	0·70	43.4456	10·8
...	+27·144	−57·186	− 2	...	...
...	27·258	+ 1·284	0·90	42.4412	10·6
..	27·492	+41·829	− 2	...	...
*	27·847	−31·473	1·25	43.4458	9·6
...	27·877	−13·745	− 3	...	...
711					
...	+27·910	+18·063	− 4	m	...
...	27·996	−50·148	− 3	...	...
...	28·151	−41·629	− 3	...	...
...	28·158	+36·293	− 3	...	...
...	28·273	+17·421	0·70	...	..
*	+28·283	−23·757	1·00	43.4460	10·8
...	28·699	+43·506	0·85	42.4413	10·6
*	28·853	−46·716	1·00	43.4463	10·4
*	28·860	−37·766	1·00	43.4462	10·4
...	28·904	−28·741	0·65	...	...

721–780

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
721					
...	+29·028	+20·933	− 4	...	...
...	29·243	−12·031	− 4	...	...
	29·348	− 4·212	− 4	...	...
	29·400	+18·262	0·80	...	...
	29·540	+19·933	0·80	...	...
	+29·591	+50·306	0·70	42.4414	10·6
	29·967	−28·731	1·15	43.4464	9·5
	30·209	−33·531	1·05	42.4415	10·2
	30·308	− 1·735	− 4	*m*	...
...	30·582	−18·279	− 4	*m*	...
731					
...	+30·741	−32·237	− 4	*m*	...
	30·852	−36·185	1·15	43.4465	10·2
*	30·942	−32·331	1·00	43.4466	10·4
...	30·983	+ 8·215	− 2	...	...
...	31·037	−38·221	− 4	*m*	...
...	+31·048	+34·574	− 3	...	...
...	31·209	+11·914	− 4	*m*	...
...	31·542	−52·442	− 4	*m*	...
	31·572	+ 6·184	− 3	...	...
...	31·574	+24·954	0·70	42.4416	10·6
741					
	+31·687	+31·604	1·20	42.4417	9·9
	31·870	− 1·519	1·10	42.4420	10·4
	31·874	− 2·789	− 4	*m*	...
	31·890	+48·951	0·90	42.4418	10·4
	31·990	+24·819	1·30	42.4419	9·6
...	+32·095	−44·914	− 4	...	...
...	32·307	+29·544	− 4	...	...
	32·500	−30·498	− 4	*m*	...
...	32·998	+23·009	− 4	*m*	...
...	33·101	−34·715	− 4	*m*	...
751					
	+33·106	− 3·380	1·10	42.4421	10·4
*	33·253	+59·315	1·40	41.4387	9·7
	33·281	−29·967	− 4	*m*	...
...	33·371	−20·349	− 4	*m*	...
...	33·442	+ 9·485	− 4	*m*	...
...	+33·555	−34·476	− 4	*m*	...
*	33·717	−52·893	1·10	43.4467	10·4
	33·788	− 9·391	− 4	*m*	...
...	33·811	+20·829	− 2	...	...
*	34·017	+20·220	1·20	42.4422	10·0
761					
...	+34·122	+24·131	0·85	42.4423	10·6
...	34·179	−18·970	− 2	43.4468	10·8
N	34·326	−21·657	− 1	...	...
	34·424	+27·837	− 4		
...	34·451	+18·828	− 4		
	+34·474	− 3·686	− 2	...	...
	34·493	+53·889	1·60	41.4389	9·5
	34·666	+56·924	− 3	...	...
...	34·734	−44·776	− 4	...	...
†	35·088	−36·561	− 3	...	...
771					
*	+35·222	+19·163	1·10	42.4424	10·2
*	35·570	−30·403	1·05	43.4470	10·4
	35·626	−21·747	− 4	*m*	...
	35·740	− 5·889	0·85	42.4425	10·6
*	35·781	−15·351	1·30	43.4471	9·5
	+35·912	+36·721	− 4	...	...
...	35·918	+27·488	− 3	...	...
...	36·060	−11·227	− 3	...	...
*	36·083	− 3·134	1·00	42.4426	10·6
†	36·085	+35·401	− 4	...	...

781–840

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
781					
...	+36·127	+ 5·085	− 1	...	...
...	36·297	+22·627	− 4	...	
...	36·402	+26·891	− 3	...	
...	36·407	−23·819	− 4	*m*	...
...	36·452	−53·840	− 2	...	...
*	+36·918	−45·047	1·80	43.4472	8·7
...	37·034	−29·940	− 4	*m*	...
...	37·123	+ 4·665	− 4	*m*	...
...	37·535	−48·751	− 4	*m*	...
...	37·662	+28·468	− 3	...	...
791					
*	+38·090	+58·445	1·40	41.4393	9·9
...	38·279	−20·715	− 3	...	...
...	38·582	−12·718	0·75	...	...
...	38·606	+54·732	− 4	...	...
...	38·630	−29·915	− 4	*m*	...
...	+38·656	−16·610	− 3	...	...
...	39·026	−23·257	0·90	43.4474	10·8
...	39·083	− 5·654	0·75	42.4427	10·6
...	39·093	+ 5·181	− 3	...	...
...	39·371	+24·576	− 4	...	...
801					
*	+39·396	+53·890	1·00	41.4395	10·4
*	39·497	−31·079	2·00	43.4476	8·1
...	39·554	−16·733	0·90	43.4475	10·8
...	39·591	−18·342	− 4	*m*	...
...	39·818	−39·031	− 3	...	...
†	+39·975	+18·053	− 2	...	...
	40·069	+10·220	1·15	42.4429	9·6
...	40·167	+38·095	− 2	...	...
*	40·393	+42·068	1·05	42.4428	10·2
...	40·398	−18·118	− 3	...	...
811					
	+40·557	−31·441	− 4	*m*	...
	40·668	−25·101	− 1	...	
	40·892	−18·191	− 3	...	
...	40·949	−21·325	− 4	*m*	...
...	41·025	+53·040	− 2	...	...
	+41·268	−23·782	1·20	43.4477	10·0
...	41·294	+28·294	0·70	...	...
	41·364	+34·548	− 4	...	...
	41·443	− 4·258	− 4	*m*	...
*	41·947	+ 7·383	1·25	42.4430	9·5
821					
...	+41·990	−43·782	− 4	...	...
*	42·204	+23·555	1·30	42.4431	9·8
	42·268	−26·679	− 2	...	...
	42·477	+25·989	0·65	...	
...	42·718	−26·737	− 3	*h*	
	+42·743	−29·584	− 3	...	...
...	42·789	+43·382	− 3	...	...
*	42·987	−17·975	1·70	43.4478	8·9
	43·113	−53·858	0·70	43.4479	10·8
	43·278	−53·165	0·70	43.4480	10·8
831					
*	+43·580	+ 3·493	1·15	42.4432	9·4
	43·785	−44·511	0·90	43.4482	10·8
	44·095	−24·022	0·90	43.4483	10·6
	44·178	− 7·996	0·90	43.4481	10·8
*	44·363	−43·141	1·00	43.4484	10·5
	+44·477	+53·983	− 3	...	...
	44·496	+59·534	− 2	...	
...	44·660	−16·459	− 4	*m*	
	44·721	+34·169	− 3	...	...
‡	44·766	−34·455	1·3	43.4485	9·8

841–900

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
841					
*	+44·823	+24·175	1·00	42.4434	10·4
...	44·885	−33·612	− 4	...	...
†	44·998	+52·391	0·80	42.4433	10·6
†	45·042	+43·591	− 3	...	...
	45·060	+22·355	− 3	*a*	...
S *	+45·167	+ 0·244	1·85	42.4435	9·2
...	45·423	+12·180	− 3	...	...
...	45·427	−56·368	0·70	43.4487	10·5
...	45·526	+17·714	− 3	...	...
...	45·579	−15·049	− 3	*a*	...
851					
*	+45·741	−30·768	1·15	43.4486	10·0
...	46·087	−25·056	− 3	*a*	...
...	46·308	−34·903	0·75	43.4488	10·8
...	46·420	−13·374	− 4	*m*	...
...	46·547	−11·314	− 3	...	...
...	+46·587	+33·238	− 3	...	...
...	46·707	+23·847	− 3	...	...
...	46·912	−19·885	− 4	*m*	...
...	46·943	+ 8·992	− 4	*m*	...
...	47·001	+19·039	0·70	...	...
861					
*	+47·231	−55·835	2·00	43.4489	8·9
...	47·297	+39·943	− 4	...	...
...	47·362	−55·190	− 3	...	...
*	47·494	−38·912	1·60	43.4490	9·4
...	47·529	−17·084	− 2	...	...
...	+47·602	+34·689	− 3	...	...
*	47·765	+40·760	1·00	42.4436	10·2
*	47·852	−16·883	1·15	43.4491	10·0
*	48·260	+57·756	1·20	41.4400	10·2
	48·319	−39·613	0·70	43.4492	10·8
871					
*	+48·353	+30·193	1·80	42.4437	9·1
...	48·354	−23·437	− 4	*m*	...
...	48·405	+ 9·861	− 4	*m*	
...	48·419	−17·561	− 4	*m*	...
*	48·544	+43·248	1·20	42.4438	9·6
	+48·646	−21·578	0·70	...	...
...	48·760	−47·735	0·80	43.4494	10·8
	48·776	−25·103	− 4	*m*	...
*	48·799	+11·711	1·00	42.4439	10·2
...	48·816	− 8·514	− 2	...	...
881					
*	+48·841	−26·364	1·00	43.4493	10·2
...	48·909	+14·224	0·90	42.4440	10·6
	48·958	+11·316	− 4	...	...
...	49·059	−42·870	0·80	43.4495	10·8
	49·159	−16·573	− 1	...	...
	+49·174	−39·276	− 1	...	...
...	49·243	−22·742	− 2	*a*	...
	49·409	−36·572	2·00	43.4496	9·2
	49·661	−36·554	− 4	...	...
	49·985	+39·861	1·50	42.4441	9·2
891					
S	+50·096	+26·531	2·05	42.4443	8·8
*	50·154	+ 3·069	1·10	42.4444	10·4
	50·207	+22·695	− 4	...	...
	50·350	−22·295	− 4	*m*	...
	50·407	+51·893	1·20	42.4442	10·0
	+50·550	−44·502	− 4	...	...
*	50·578	−21·518	1·60	43.4498	9·3
	50·613	− 0·077	− 2	*e*	...
...	50·810	+ 7·970	0·70	42.4445	10·2
...	50·882	+ 7·841	0·75		

[illegible] 44″·2, obscured by reseau.

901 930

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
901					
*	+50·902	−28·680	1·10	43·4499	10·4
*	50·909	−46·218	2·20	43·4500	8·8
*	51·154	+17·981	2·00	42·4446	9·1
..	51·187	+15·333	− 4	.	.
..	51·246	+13·588	− 3	...	.
...	+51·465	− 0·025	− 4	*f*	
...	51·585	+14·726	− 4	...	...
...	51·612	+ 2·101	0·90	42·4448	10·6
...	51·652	−24·118	− 4	*m*	...
*	51·760	−15·312	1·10	43·4502	10·4
911					
...	+51·762	− 4·326	− 4	*m*	..
...	51·816	−11·696	− 2	*a*	...
...	51·947	+44·680	0·90	42·4447	10·6
...	52·060	+ 1·228	0·85	42·4449	10·6
...	52·249	−44·943	0·65	43·4503	10·8
...	+52·301	+ 9·444	− 4	...	...
†	52·611	+ 5·451	− 4	...	.
...	52·631	−34·651	− 4	...	...
...	52·679	−23·408	− 4	*m*	
...	52·840	+16·350	− 3	...	.
921					
...	+52·868	−21·201	− 2	...	..
...	53·130	+ 5·362	0·70	...	..
S *	53·231	−36·148	3·30	43·4504	7·6
...	53·242	+35·665	− 4	..	...
*	53·320	+ 0·360	1·05	42·4452	10·6
S *	+53·419	+13·358	1·60	42·4450	9·4
...	53·690	+28·661	− 1	...	...
...	53·928	−42·768	− 4	...	...
*	53·936	+41·940	1·10	42·4451	10·0
...	53·946	−31·199	− 2	...	...

931 960

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
931					
..	+54·028	+15·403	− 4	...	...
	54·029	−44·183	0·90	43·4505	10·6
..	54·366	− 4·549	− 4	*m*	...
...	54·291	−48·346	− 4	...	...
..	54·588	+19·959	0·65	...	...
*	+54·677	+23·957	1·10	42·4453	10·2
..	55·582	− 3·972	− 4	*m*	...
...	55·728	−44·904	0·90	43·4506	10·6
.	55·744	+ 0·186	− 4	*a*	.
...	55·787	+30·576	− 2	...	
941					
...	+55·808	−42·560	− 1	...	. .
..	56·002	− 2·012	− 1	..	
...	56·102	+33·909	− 4		
†	56·318	−14·413	− 2	.	.
...	56·785	−42·036	− 4	.	
..	+57·123	+47·947	− 4		...
...	57·155	−25·924	− 2	..	...
S *	57·251	+40·827	3·95	42·4454	7·7
	57·334	+ 0·462	1·10	42·4455	10·4
...	57·368	+26·112	− 4	...	...
951					
...	+57·406	−36·862	0·90	43·4507	10·8
...	57·415	−21·842	− 2	...	...
...	57·634	+ 4·521	0·65	...	...
*	57·768	−20·146	1·10	43·4508	10·4
*	57·807	−56·651	2·00	43·4509	9·6
...	+58·029	−37·234	− 4	...	...
...	58·159	−16·876	− 4		
...	58·359	−33·263	− 3	.	
...	58·793	− 1·504	− 3	.	.
...	59·031	−54·104	− 3	.	...

961–963

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
961					
..	+59·209	−21·902	− 4	*m*	...
...	59·364	−37·273	− 3	...	...
...	59·369	−35·994	− 4	.	...

1–20

1					
...	−59·680	+ 2·925	0·85	42·4444	10·4
...	59·543	−47·919	− 5	43·4494	10·8
...	59·398	−43·031	− 4	43·4495	10·8
*	59·231	−36·737	1·40	43·4496	9·2
n	59·171	+ 7·848	− 3	42·4445	10·2
†	−59·140	+44·587	− 4	42·4447	10·6
†	59·130	− 0·211	− 5	E	...
*	59·104	+17·868	1·40	42·4446	9·1
n	59·094	+ 7·721	0·65	42·4445	10·2
*	58·514	−21·635	1·40	43·4498	9·3
11					
...	−58·194	+ 2·001	0·65	42·4448	10·6
...	57·992	−28·805	0·80	43·4499	10·4
...	57·718	+ 1·132	− 1	42·4449	10·6
...	57·522	−15·394	0·80	43·4502	10·4
*	57·451	−46·334	1·60	43·4500	8·8
...	−57·061	+41·904	0·80	42·4451	10·0
...	56·909	+28·626	− 4	...	...
...	56·765	+ 5·313	− 4	...	...
S *	56·704	+13·313	1·25	42·4450	9·4
...	56·424	+ 0·321	0·80	42·4452	10·6

21–40

21					
.	−56·231	−21·258	− 5	...	...
...	56·141	−45·014	− 4	43·4503	10·8
...	56·054	−34·717	− 5	...	...
...	55·775	+23·943	0·90	42·4453	10·2
...	55·746	+19·955	− 3	...	...
S *	−55·413	−36·190	3·28	43·4504	7·6
...	54·880	+30·587	− 5	...	...
...	54·409	−44·199	0·65	43·4505	10·6
S *	53·684	+40·884	3·30	42·4454	7·7
..	52·671	−44·869	0·65	43·4506	10·6
31					
...	−52·669	−42·528	− 5	...	...
...	52·422	+ 0·540	0·80	42·4455	10·4
.	52·249	+ 4·596	− 4	...	...
..	51·811	−25·852	− 5	...	...
..	51·671	−21·760	− 4	...	...
...	−51·360	−20·050	0·80	43·4508	10·4
...	51·222	−36·782	− 3	43·4507	10·8
...	50·908	− 1·386	− 5	E	...
*	50·248	−56·550	1·40	43·4509	9·6
*	49·646	+48·285	2·00	42·4456	8·8

41–60

41					
*	−49·492	− 8·116	1·80	43·4511	8·5
...	48·285	+30·953	− 2	42·4457	10·6
*	47·906	−16·046	1·00	43·4514	10·0
*	47·691	−44·847	1·30	43·4512	9·6
*	47·646	+56·420	1·80	41·4425	8·8
...	−46·753	+ 8·657	− 3	...	...
...	46·739	−37·378	− 4	...	...
..	46·632	−27·463	− 1	43·4515	10·5
...	46·627	+ 7·790	− 5	...	...
*	46·272	+53·337	1·70	41·4427	8·9
51					
...	−46·258	+ 7·285	− 3	...	...
...	45·601	−25·809	0·90	43·4516	10·2
...	45·353	+ 3·793	− 3	42·4458	10·6
*	45·315	+47·470	1·15	42·4460	9·5
.	45·307	+ 8·529	− 2	42·4459	10·6
†	−45·150	+53·404	− 4	...	...
*	44·834	+48·210	1·60	42·4461	9·0
..	44·776	− 5·260	− 3	...	...
*	44·590	−58·529	2·90	43·4517	7·8
...	44·182	+26·850	− 2	42·4462	10·6

S measured from 1, 70. 148, 226, 369. 410.
SB ,, ,, 40, 105, 186, 265, 365, 467.

5, 9. C.P.D., probably mass.

61–120

Notes.	Co-ordinates.		Diam.	C.P.D.	
				No.	Mag.
61					
...	−43·024	−43·834	− 4	43·4518	10·8
	43·511	−17·771	− 2	43·4519	10·5
	42·985	+12·675	0·65	42·4463	10·2
*	42·669	+47·506	1·30	42·4464	9·5
...	42·655	−20·533	− 4	...	...
...	−42·236	+ 3·143	− 4	...	...
	40·876	−35·347	0·90	43·4522	10·2
	40·535	+22·980	3·25	42·4465	7·6
...	40·345	+50·102	− 4	...	...
*	39·8[illegible]	−43·413	1·00	43·4523	10·2
71					
	−38·405	−36·466	0·80	43·4524	10·4
	38·376	−31·464	− 3	...	...
	38·082	−44·645	− 5	...	...
	37·829	−30·778	0·75	43·4525	10·6
	37·595	+23·408	0·80	42·4466	10·4
*	−37·237	+42·511	1·00	42·4468	9·9
	37·121	− 5·497	− 5	...	...
*	36·969	− 3·285	1·10	42·4467	9·8
*	36·782	−35·716	1·00	43·4526	10·2
	36·025	+ 9·758	− 3	...	...
81					
...	−35·808	+31·238	− 3	...	...
n *	35·421	−44·595	1·10	43·4528	8·9
...	35·352	−44·691	− 5	...	...
S n*	35·139	−44·037	1·38	43·4528	8·9
	33·930	−35·803	− 5	...	...
...	−33·869	−49·672	0·90	43·4530	10·4
...	33·708	−33·100	− 5	...	...
..	33·63[illegible]	−39·267	− 2	43·4531	10·8
*	33·572	+36·784	1·5[illegible]	42·4470	8·8
*	33·366	+46·969	1·05	42·4471	9·5
91					
*	−33·3[illegible]	− 3·362	1·30	42·4469	9·1
	33·285	+29·804	− 2	42·4472	10·6
	33·103	+41·817	− 4	...	...
...	32·806	−14·914	0·85	43·4532	10·4
	32·595	−20·193	1·40	43·4533	8·6
...	−32·376	− 9·214	0·65	...	...
...	31·827	−17·842	0·85	43·4535	10·2
...	31·815	+41·825	− 5	...	...
..	31·502	−31·296	0·65	43·4536	10·4
.	31·439	+39·552	0·90	42·4473	10·0
101					
	−31·119	+32·708	0·70	42·4474	10·4
	30·954	+45·780	1·15	42·4475	9·6
.	30·519	+58·466	1·20	41·4440	9·5
...	30·350	+56·245	− 3	41·4441	10·6
S *	29·848	+10·294	1·20	42·4476	9·2
...	−29·832	−23·016	− 3	...	...
*	29·672	+37·264	1·20	42·4477	9·5
..	29·594	−45·476	− 5	...	...
.	29·077	+25·228	0·65	42·4478	10·4
.	29·055	−39·996	− 5	A	...
111					
	−28·925	+31·964	− 3	...	...
*	28·849	+21·588	1·00	43·4479	9·9
†	28·808	+29·834	− 4	..	..
*	27·[illegible]	− 1·259	1·00	42·4480	9·9
	27·781	+32·673	− 4	...	...
	−27·503	+16·490	− 5	..	..
...	27·322	−56·3[illegible]	− 5	...	...
*	27·308	+30·919	1·20	42·4482	9·[illegible]
...	27·266	+12·816	− 3	...	...
...	27·23[illegible]	+ 3·622	0·70	42·4481	10·2

121–180

Notes.	Co-ordinates.		Diam.	C.P.D.	
				No.	Mag.
121					
...	−27·237	+46·983	0·65	42·4483	10·2
...	27·014	+56·360	− 2	41·4444	10·2
	26·901	+48·404	− 3	42·4484	10·4
...	26·860	−21·421	− 4	..	..
.	26·751	−27·305	− 5	...	..
	−26·593	+37·212	− 4	...	..
	26·391	+19·384	− 1	42·4485	10·2
	26·169	+25·580	0·80	42·4486	10·0
...	25·768	+43·972	− 5	...	.
...	25·599	−27·976	− 5	...	...
131					
...	−25·433	−28·329	− 4	..	...
	25·312	−30·354	− 3	43·4537	10·8
	25·252	+17·145	− 1	42·4487	10·2
..	24·976	+25·562	− 1	42·4488	10·2
*	24·25[illegible]	−43·434	1·00	43·4538	10·0
S *	−24·211	−16·497	1·10	43·4539	9·9
.	23·900	+49·271	0·90	42·4489	10·0
...	23·574	+49·018	0·80	42·4490	10·2
...	22·751	−50·726	− 4	...	...
...	22·520	+25·772	− 2	42·4491	10·2
141					
...	−22·031	−15·789	− 4	A	...
.	21·682	−39·794	1·00	43·4540	10·0
*	21·367	−16·769	1·20	43·4541	9·3
..	21·138	−36·393	0·80	43·4542	10·2
...	21·000	− 1·010	− 5	B	...
...	−20·658	−28·628	− 2	43·4543	10·8
†	19·930	−55·339	− 5	...	...
..	19·829	+20·117	0·65	42·4492	10·4
.	19·796	−51·312	1·15	43·4544	9·9
..	19·42[illegible]	+38·9[illegible]	− 4	...	...
151					
.	−19·364	−46·953	0·75	43·4545	10·8
.	19·053	+48·774	0·80	42·4493	10·2
..	19·026	−28·980	0·75	43·4546	10·6
..	17·870	−28·635	− 2	...	...
.	17·723	−22·077	1·10	43·4547	10·0
..	−17·597	+45·296	− 5	.	...
	17·474	+24·177	0·65	42·4494	10·6
..	17·423	−21·610	0·80	43·4548	10·4
	17·200	−12·275	0·70	43·4549	10·8
	16·561	−12·262	− 1	43·4551	10·8
161					
..	−16·292	−42·863	0·90	43·4550	10·6
.	16·205	−36·765	− 3	...	...
...	16·031	+11·420	− 3	42·4495	10·6
	16·002	+30·181	0·80	42·4496	10·4
‡	15·085	− 0·932	1·10	42·4497	9·4
	−14·814	+24·697	− 4	...	...
	14·730	−13·475	0·70	43·4552	10·6
	14·611	+46·604	1·40	42·4498	9·0
..	14·522	+10·980	0·70	42·4499	10·6
...	14·449	−52·733	0·90	43·4553	10·2
171					
.	−14·088	+40·476	− 5	..	...
...	13·218	+40·559	− 5	.	...
	12·944	+35·122	− 1	42·4500	10·4
..	12·934	+49·437	− 1	42·4501	10·4
	12·634	+15·668	− 2	.	...
*	−12·223	−35·402	1·20	43·4554	9·9
..	12·135	− 3·586	0·[illegible]	42·4502	10·6
	12·076	− 8·397	− 5	...	...
	11·644	−13·152	0·70	43·4555	1[illegible]
.	11·507	+28·964	− 5	...	...

181–240

Notes.	Co-ordinates.		Diam.	C.P.D.	
				No.	Mag.
181					
..	−10·955	+49·972	− 3	...	...
*	10·300	+27·304	1·00	42·4503	9·8
..	10·250	+25·807	− 5		...
...	10·203	−49·765	− 5	...	...
.	10·187	−17·856	− 4	...	...
*	− 9·805	−52·660	1·00	43·4558	10·0
...	9·718	−41·862	− 2	43·4559	10·6
...	9·421	+30·767	− 3	...	...
...	9·378	+49·669	− 2	42·4504	10·2
...	9·328	+25·172	− 4	...	...
191					
...	− 9·213	−58·840	− 1	43·4560	10·4
...	8·651	−37·236	− 2	43·4561	10·8
..	7·953	−52·478	− 4	..	...
.	7·740	−14·730	− 3	43·4562	10·8
*	7·514	−33·192	1·00	43·4563	10·0
...	− 7·481	+26·001	− 3	42·4507	10·6
*	7·453	+45·464	1·20	42·4506	9·1
..	7·314	+25·765	− 2	42·4505	10·4
*	7·305	+46·129	1·05	42·4508	9·5
...	6·800	+12·560	− 3	...	...
201					
...	− 6·525	+ 0·291	− 4	α	...
*	5·712	+32·345	1·10	42·4509	9·5
...	5·658	−48·074	− 3	...	...
..	5·333	+16·030	− 3	42·4510	10·4
...	5·259	−29·056	− 4	...	...
	− 5·173	−32·867	− 1	43·4564	10·4
...	5·050	−53·606	− 5	...	...
...	4·945	+21·407	− 3	42·4511	10·6
...	4·433	+57·703	− 3	41·4475	10·6
...	3·917	+40·890	− 3	42·4512	10·6
211					
.	− 3·639	−40·424	0·90	43·4565	10·2
	3·503	−10·859	− 1	43·4566	10·4
.	2·818	+33·452	0·70	42·4513	10·0
.	2·605	− 8·311	− 3	43·4567	10·8
.	2·521	+22·979	0·90	42·4514	10·0
..	− 2·181	+ 4·232	− 3	42·4515	10·6
..	1·998	−19·721	− 2	43·4568	10·5
	1·954	−42·011	− 2	43·4569	10·8
..	1·845	−59·515	− 4	...	...
...	1·682	+53·331	− 5	...	...
221					
*	− 1·638	+39·517	1·05	42·4516	9·7
...	1·186	+ 6·058	− 1	42·4517	10·4
..	1·138	+28·479	− 5	...	...
.	0·833	−15·620	− 3	43·4570	10·8
.	− 0·239	−56·193	− 2	43·4571	10·6
...	+ 0·002	+ 5·943	− 4	m	...
...	0·017	+37·853	− 3	...	...
.	0·121	−18·411	− 2	...	.
..	0·308	−59·497	− 3	...	...
.	0·557	+35·016	0·65	42·4518	10·6
231					
.	+ 1·856	+47·358	− 3	...	...
*	2·210	−40·872	1·10	43·4572	10·0
...	2·592	+ 9·190	− 5	M	...
.	2·673	+50·747	− 5	..	...
..	2·878	−18·570	− 4	M	...
+	3·085	+17·225	− 5	M	...
S *	3·125	−54·509	1·10	43·4573	9·5
	3·282	+52·999	− 2	...	...
S *	3·314	+ 9·136	2·20	42·4519	8·2
..	3·353	+48·119	− 5	...	...

82, 84. C.P.D., suspected double.

Notes.	Co-ordinates. x.	y.	Diam. −4.	C.P.D. No.	Mag.
241–300					
241					
...	+ 3·552	−27·887	− 4	M	...
...	3·817	−18·807	− 4	M	...
...	4·109	−34·756	− 3	...	...
...	4·942	+49·619	− 5	...	...
..	4·968	+42·318	− 4	...	...
...	+ 5·269	+20·306	− 5	...	...
...	5·608	−37·167	− 2	43.4576	10·8
...	5·623	+38·837	− 1	42.4520	10·4
...	5·719	+46·471	− 3	...	...
...	5·802	−49·175	0·75	43.4577	10·5
251					
...	+ 5·936	−55·328	0·80	43.4578	10·6
...	6·060	−59·755	− 5	...	...
...	6·339	−48·509	0·85	43.4579	10·4
*	6·421	+42·853	1·30	42.4521	9·2
...	6·492	−23·848	− 3	...	...
...	+ 6·776	+ 0·612	− 1	42.4522	10·6
...	6·884	−59·626	− 3	43.4580	10·8
..	7·321	−57·179	− 2	...	...
...	7·571	+49·390	− 1	42.4523	10·6
...	8·110	+28·208	− 2	...	...
261					
...	+ 9·292	+ 3·022	0·80	42.4524	10·0
..	9·647	−14·050	0·70	43.4582	10·6
...	9·684	+16·578	− 2	...	...
...	9·883	−50·115	− 1	43.4583	10·8
...	10·551	+22·820	− 3	42.4525	10·6
	+10·759	−43·961	− 1	43.4584	10·4
*	11·025	+ 1·577	1·10	42.4526	9·7
...	11·167	−54·284	− 2	43.4585	10·4
...	11·395	+48·299	− 2	42.4527	10·4
...	11·412	+38·526	− 2	...	...
271					
...	+11·423	+31·644	0·85	42.4528	10·2
...	12·050	+54·294	− 4	...	...
...	12·680	+ 6·415	− 4	...	...
*	12·687	+33·627	1·10	42.4529	9·6
...	12·895	+30·545	0·75	42.4530	10·4
..	+12·951	+53·342	− 4	...	...
S *	13·301	+15·796	2·15	42.4531	8·0
...	13·862	−16·545	− 4	...	...
..	14·289	−24·685	0·80	43.4586	10·2
..	14·372	−58·121	− 3	43.4587	10·6
281					
..	+14·472	+ 7·101	− 4	...	...
..	14·492	−28·336	− 3	...	...
...	14·504	+ 9·297	− 5	...	...
..	14·803	+44·059	− 4	...	...
...	14·844	−43·745	− 4	...	...
...	+15·540	− 9·723	0·90	43.4588	10·0
..	15·567	− 3·607	− 1	42.4532	10·2
...	15·636	−34·261	0·65	43.4589	10·4
...	15·657	−25·726	− 4	...	...
...	15·951	+53·741	− 5	...	...
291					
..	+16·261	−21·062	− 5	...	...
...	16·355	+53·398	− 5	41.4490	10·6
...	16·365	+15·589	− 2	42.4533	10·2
...	16·538	+57·468	− 4	41.4492	10·6
...	16·740	−20·040	0·65	43.4591	10·4
...	+16·930	−48·941	0·95	43.4592	10·2
...	17·239	−15·264	− 2	43.4593	10·8
...	17·271	+52·217	− 5	...	...
S *	17·342	+37·818	2·90	42.4534	7·4
...	17·735	− 0·952	0·80	42.4535	10·0
301–360					
301					
..	+17·598	− 0·288	− 5	*b*	...
...	18·752	−17·557	− 1	43.4594	10·4
...	18·786	−21·068	0·70	43.4595	10·4
..	19·326	+24·450	− 4	...	...
.	19·464	+12·897	− 5	...	...
..	+19·525	−38·022	0·65	43.4596	10·4
.	19·615	−55·471	− 5	...	...
...	19·633	−51·201	− 3	43.4597	10·8
.	19·879	+33·229	− 5	...	...
...	20·084	−10·334	− 4	...	...
311					
...	+20·342	+31·192	0·90	42.4536	10·0
.	20·592	+15·041	1·30	42.4537	9·2
S *	20·592	−21·793	1·70	43.4598	8·8
...	20·612	+58·426	− 4	...	...
..	20·664	+33·533	− 2	...	...
.	+21·227	−44·650	− 1	43.4599	10·6
*	21·532	−25·981	1·10	43.4600	10·0
...	21·676	−43·392	0·80	43.4601	10·4
.	21·706	−34·679	− 5	...	...
...	21·992	−49·238	0·85	43.4602	10·4
321					
...	+22·047	−13·861	− 4	...	...
..	22·075	+ 9·082	− 3	42.4538	10·6
.	22·199	+53·469	− 2	41.4496	10·6
*	22·814	+11·150	1·25	42.4539	9·4
...	23·089	−41·783	− 4	...	...
...	+23·436	−32·349	− 5	...	...
...	24·004	+ 9·323	− 1	42.4540	10·6
...	24·011	−38·550	− 2	...	...
..	24·111	+10·190	− 2	42.4542	10·6
...	24·290	+17·844	− 1	...	...
331					
...	+24·340	+37·186	0·70	42.4541	10·4
..	24·357	−39·311	− 5	...	...
..	24·591	+34·536	− 4	...	...
*	24·828	−41·151	1·00	43.4605	10·2
.	25·146	−32·675	− 4	...	...
.	+25·657	+ 3·035	− 2	...	...
..	25·875	+25·202	0·75	42.4543	10·2
..	25·915	−52·511	0·85	43.4606	10·4
*	25·979	+11·869	1·00	42.4544	10·0
..	26·244	−39·681	− 3	...	...
341					
*	+26·521	+28·421	1·00	42.4545	9·9
...	26·981	−43·371	0·75	43.4607	10·6
...	27·046	+46·542	− 5	...	...
..	27·926	−17·164	− 4	...	...
..	28·043	−42·704	− 2	...	...
...	+28·133	−34·100	− 5	...	...
...	28·343	+56·135	− 5	...	...
.	28·371	−39·956	− 2	...	...
..	28·374	−46·308	− 3	...	...
...	28·384	+28·353	0·75	42.4546	10·4
351					
...	+28·450	−22·177	− 2	...	...
...	28·471	−25·129	− 2	...	...
...	28·486	− 3·545	− 4	*b*	...
..	28·627	−39·010	− 5	...	...
..	28·709	+26·465	− 5	...	...
*	+28·894	+45·112	1·25	42.4547	9·4
...	29·096	+ 1·949	− 5	...	...
..	29·196	+52·015	− 5	...	...
*	29·279	−13·737	1·00	43.4611	10·0
...	29·309	+51·505	− 3	...	...
361–420					
361					
...	+29·448	+17·813	− 3	...	...
	29·639	−29·052	0·80	43.4612	10·4
.	29·765	−29·336	− 4	...	...
	29·898	−49·828	1·15	43.4613	9·5
+	30·593	−27·060	1·05	43.4614	10·0
.	+30·630	+30·036	− 1	42.4548	10·2
*	31·177	+27·795	1·00	42.4549	9·9
.	31·575	−50·098	− 4	...	...
...	31·732	−14·840	− 2	43.4615	10·6
.	31·755	+17·348	− 2	42.4550	10·6
371					
..	+31·804	−51·413	− 5	...	...
.	32·269	+10·067	0·70	42.4551	10·2
..	32·576	+10·098	0·65	42.4552	10·2
.	32·604	+ 0·435	− 1	42.4553	10·4
*	32·963	+28·155	1·15	42.4554	9·5
...	+33·435	+23·552	− 3	42.4555	10·6
..	33·445	+13·468	− 4	...	...
*	33·571	+17·248	1·60	42.4556	8·8
...	33·670	+28·558	− 5	...	...
.	33·779	+27·510	− 4	...	...
381					
†	+34·030	+ 5·037	− 5	...	...
..	34·415	+ 9·335	− 1	42.4557	10·4
..	34·472	+12·895	− 5	...	...
...	34·775	−48·842	− 2	43.4617	10·4
...	34·894	+30·307	− 4	...	...
..	+34·925	− 6·426	0·65	42.4558	10·4
..	35·577	−11·476	− 3	43.4619	10·8
...	35·681	+48·809	− 4	42.4559	10·6
...	35·741	− 9·641	− 4	43.4618	10·8
...	35·770	−47·258	− 4	...	...
391					
..	+35·823	+38·204	− 1	42.4560	10·4
*	35·830	− 2·751	1·30	42.4561	9·0
..	35·833	−31·015	− 3	...	...
*	35·946	−12·258	1·00	43.4620	10·2
...	36·227	+ 9·186	− 5	...	...
†	+36·594	+34·906	− 4	...	...
..	36·854	+12·748	− 3	...	...
*	36·932	+21·641	1·00	42.4562	10·0
..	37·205	−11·637	− 2	43.4621	10·8
*	37·222	+43·442	1·00	42.4563	9·9
401					
...	+37·477	−39·535	− 4	...	...
..	37·684	−16·002	0·70	43.4622	10·6
.	38·021	+44·308	− 4	42.4564	10·6
.	38·182	+ 4·236	− 1	42.4566	10·4
.	38·386	+ 9·799	− 2	42.4565	10·4
...	+38·418	− 2·200	− 1	42.4567	10·4
...	38·867	−16·883	− 3	43.4624	10·8
...	38·934	+52·520	− 5	41.4524	10·6
...	39·058	+46·782	− 5	42.4568	10·6
..	40·085	−40·385	− 5	...	...
411					
.	+40·585	+ 2·242	− 5	...	...
..	40·606	−43·017	− 5	...	...
...	40·845	−14·202	− 2	...	...
...	40·871	+30·506	− 2	42.4569	10·6
...	41·094	+13·395	− 4	...	...
...	+41·121	−14·810	− 5	*b*	...
*	41·413	−48·293	1·20	43.4625	10·0
...	41·506	+16·239	0·65	42.4572	10·6
...	41·515	−37·841	− 4	...	...
...	41·582	− 9·124	− 4	...	...

421–450

Notes.	Co-ordinates.		Diam.	C.P.D.	
				No.	Mag.
421					
...	+41·665	+35·575	− 3	42.4570	10·6
.	41·811	+4·749	− 2	42.4571	10·6
	41·[illegible]	−40·651	− 2	43.4626	10·8
...	42·023	+36·416	− 4	...	...
...	42·281	+29·911	− 5	..	...
*	+42·450	+23·903	1·35	42.4573	9·2
	42·521	−4·[illegible]79	− 5	...	...
...	42·[illegible]	+17·968	− 5	...	...
S	43·253	+19·696	2·05	42.4574	8·4
	43·[illegible]	−26·638	− 5	...	...
431					
...	−43·957	−44·878	− 5	...	...
	44·168	+24·182	0·70	42.4575	10·6
.	44·171	−46·924	0·80	43.4628	10·4
	44·401	−29·334	1·10	43.4627	10·2
...	44·[illegible]	+27·334	− 5	...	...
..	+44·515	+26·085	− 5		...
	44·605	+ 6·682	− 1	.	..
	45·074	− 7·601	− 3		...
*	45·165	−29·458	1·10	43.4629	10·2
...	45·283	+49·333	− 4	42.4576	10·6
441					
...	+45·332	+48·983	− 4	42.4577	10·6
...	45·430	+10·221	− 5	...	...
..	45·638	−12·405	− 3	...	...
...	45·856	−52·158	− 4	43.4630	10·8
...	45·937	−16·690	− 4	...	...
*	+46·051	+25·987	1·00	42.4578	9·9
...	46·268	−11·429	0·65	43.4631	10·8
*	46·357	−20·046	1·00	43.4632	10·0
.	46·669	+35·103	− 4	...	...
*	46·758	−37·878	1·15	43.4633	9·6

451–480

Notes.	Co-ordinates.		Diam.	C.P.D.	
				No.	Mag.
451					
...	+46·800	+35·974	− 5	...	...
*	46·979	+13·746	1·60	42.4579	8·6
*	46·983	−37·507	1·80	43.4634	9·2
*	47·[illegible]63	−10·732	1·20	43.4635	9·6
...	47·876	−23·238	− 3	a	...
...	+48·167	+48·434	− 5	...	...
*	48·383	+49·396	1·20	42.4580	9·6
.	48·686	−10·128	− 5	a	...
..	48·789	+34·678	− 4	...	...
...	49·058	+55·585	− 5	41.4543	10·6
461					
..	+49·219	− 3·250	− 3	...	...
	49·231	−26·749	− 4	...	..
..	49·373	−11·075	− 4	a	...
S *	49·464	−44·510	2·80	43.4636	7·4
†	49·706	+41·367	1·00	42.4581	9·8
...	+49·709	−22·278	− 2	...	...
...	50·936	−52·789	0·85	43.4638	10·2
...	51·076	−24·467	− 4	...	...
...	51·454	−47·593	− 1	43.4639	10·2
...	51·797	+ 4·572	− 3	42.4582	10·6
471					
...	+51·942	− 5·432	0·65	42.4583	10·6
...	52·215	−21·973	− 3	43.4640	10·8
...	52·302	− 1·452	− 3	42.4584	10·6
...	52·921	+ 2·766	− 5	...	...
...	52·989	+17·911	− 3	42.4585	10·6
...	+52·998	−23·574	− 5	...	...
...	53·442	+57·456	− 4	41.4549	10·2
...	53·512	+52·297	− 2	41.4550	10·0
...	53·956	−57·377	− 5	43.4642	10·8
S *	54·041	−32·306	2·58	43.4641	7·6

481–500

Notes.	Co-ordinates.		Diam.	C.P.D.	
				No.	Mag.
481					
...	+54·230	+ 5·974	− 5	...	...
..	54·384	+ 6·886	− 5	...	...
*	54·403	+57·106	1·40	41.4551	9·4
..	54·717	+45·246	0·70	42.4586	8·0
*	54·911	+45·353	2·30		
...	+55·555	+21·029	− 4	42.4587	10·6
..	55·839	−32·596	− 4	43.4644	10·6
.	55·854	−42·105	0·95	43.4645	10·0
*	56·276	+ 0·148	1·20	42.4588	9·4
...	56·433	+15·153	− 5	...	...
491					
†	+57·209	+25·027	− 5	...	...
...	57·233	+25·572	− 2	42.4589	10·4
.	57·368	− 0·126	− 2	42.4590	10·6
...	57·788	+ 9·597	− 5	...	...
...	57·877	+55·648	− 5	41.4556	10·6
...	+58·195	+50·246	− 5	42.4591	10·6
...	58·451	−21·667	− 5	...	...
...	58·832	− 3·831	− 5	...	...
...	58·944	−22·139	− 3	...	...
...	59·425	−32·267	0·90	43.4646	10·2

1–20

1					
..	−59·699	−26·919	− 5	...	...
.	59·[illegible]42	−22·429	− 4	...	...
S *	58·[illegible]17	−44·[illegible]47	3·[illegible]	43.4636	7·4
...	58·071	+ 1·479	− 4	42.4582	10·6
	58·010	+57·403	− 4	41.4549	10·2
	−57·931	−24·578	− 5	...	..
	57·787	+52·247	− 3	41.4550	10·0
	57·632	− 5·513	− 2	42.4583	10·6
	57·376	− 1·532	− 5	42.4584	10·6
	57·269	+17·[illegible]37	− 4	42.4585	10·6
11					
	−57·216	−52·892	0·85	43.4638	10·2
*	57·[illegible]35	+57·[illegible]72	1·30	41.4551	9·4
.	56·867	−22·042	− 3	43.4640	10·8
	56·[illegible]53	−47·679	− 2	43.4639	10·2
	56·367	+45·232	− 1	42.4586	8·0
S *	−56·[illegible]67	+45·338	2·5		
.	56·027	−23·600	− 5	...	..
	54·[illegible]95	+21·031	− 4	42.4587	10·6
S *	54·[illegible]14	−32·321	2·80	43.4641	7·6
.	54·062	−57·395	− 5	43.4642	10·8

21–40

21					
...	−53·770	+15·169	− 5	...	...
..	53·494	+55·691	− 5	41.4556	10·6
*	53·455	+ 0·168	1·30	42.4588	9·4
.	53·292	+25·084	− 4	..	...
..	53·272	+25·633	0·65	42.4589	10·4
..	−53·043	+50·328	− 5	42.4591	10·6
...	52·900	−32·558	− 5	43.4644	10·6
.	52·620	−42·054	0·90	43.4645	10·0
E †	52·363	− 0·051	− 1	42.4590	10·6
...	51·916	+31·273	− 5	...	...
31					
†	−51·265	−49·808	− 5	...	...
.	50·114	−21·995	− 5	...	...
.	49·343	−32·124	0·90	43.4646	10·2
..	49·050	+56·766	− 5	41.4559	10·6
*	49·048	+53·[illegible]10	1·90	41.4560	9·0
...	−48·830	+ 6·866	0·80	42.4592	10·2
..	48·124	+32·[illegible]18	− 5	42.4594	10·6
...	48·068	+50·[illegible]47	− 5	42.4595	10·6
.	47·922	−15·[illegible]76	− 5	...	...
..	47·827	− 2·620	0·85	42.4593	9·9

41–60

41					
...	−47·738	+31·[illegible]12	− 5	...	...
...	47·663	−26·619	− 2	43.4647	10·8
..	47·203	−58·648	− 4	43.4648	10·8
..	46·948	+33·016	0·85	42.4597	10·0
*	46·863	+ 3·335	1·25	42.4596	9·2
*	−46·55[illegible]	−18·730	1·10	43.4649	9·6
*	46·382	+ 2·593	1·15	42.4598	9·4
...	46·112	+25·742	− 5	...	...
...	46·090	+26·058	0·80	42.4599	10·2
..	45·946	− 3·396	− 5	...	...
51					
*	−45·492	−22·561	1·30	43.4651	9·2
..	45·400	−36·888	− 5	43.4650	10·8
*	44·302	+42·944	1·40	42.4600	9·0
..	44·319	−44·447	0·85	43.4652	10·2
...	44·295	+51·067	− 4	42.4601	10·4
†	−43·828	−29·843	− 5	...	...
..	43·571	+40·876	− 5	...	...
..	43·251	−29·251	− 5	...	...
*	42·975	−16·608	1·15	43.4653	9·9
...	42·646	−11·315	− 5	...	...

S measured from 1, 125, 263
SB ,, ,, [illegible], 192, 322.

61–120

Notes.	Co-ordinates. x′	y″	Diam. −5·	C.P.D. No.	Mag.
61					
...	−42·363	+ 0·944	− 2	42°4602	10·4
N	41·845	+48·435	− 5	42.4604	10·6
...	41·832	+26·291	0·85	42.4603	10·0
.	41·657	− 8·527	− 3	43.4654	10·8
.	41·335	−36·118	− 4	...	...
...	−41·227	−30·661	− 5		...
..	41·002	−21·329	− 5	...	...
..	40·188	−29·683	0·80	43.4655	10·4
..	40·187	+ 5·323	− 5	...	...
†	39·998	−29·259	− 3		
71				43.4656	10·8
...	−39·923	−29·060	− 5		
...	39·625	+47·800	− 5	42.4606	10·4
..	39·493	+11·182	− 5	42.4605	10·6
...	39·001	−41·547	− 5	43.4657	10·8
...	38·786	−28·440	− 5	...	...
...	−37·867	−23·343	− 1	43.4658	10·2
*	37·708	−12·035	1·00	43.4659	10·0
...	37·637	+ 7·067	− 3	42.4607	10·6
...	37·038	+34·098	− 4	42.4608	10·4
*	36·135	+10·503	1·10	42.4609	9·6
81					
...	−35·673	+29·539	− 3	42.4610	10·4
...	35·650	−50·433	− 2	43.4660	10·4
S *	34·600	+46·117	3·20	42.4611	7·7
...	34·179	+17·416	− 5	42.4612	10·6
*	34·042	+37·506	1·50	42.4613	8·8
...	−34·042	−51·108	0·90	43.4661	9·9
...	33·250	−55·305	0·85	43.4662	10·2
*	33·150	−58·043	1·20	43.4663	9·5
..	33·135	+41·797	− 4	...	...
...	32·638	+31·176	0·90	42.4614	10·0
91					
..	−32·627	−56·400	− 3	43.4664	10·5
...	31·870	− 8·714	− 3	43.4665	10·8
*	31·779	+53·653	1·10	41.4586	9·9
S *	31·370	+ 6·181	1·53	42.4615	8·7
...	31·256	+51·741	− 3	42.4617	10·2
*	−31·142	+35·730	1·00	42.4616	9·8
...	29·966	− 9·361	− 5	...	...
...	29·642	−25·574	− 5	43.4666	10·8
*	29·577	+25·152	1·00	42.4618	9·9
...	29·196	−54·951	− 5	...	...
101					
...	−29·035	+37·468	− 5	...	...
...	28·741	+32·102	− 4	42.4619	10·4
...	28·335	−15·878	− 1	43.4667	10·5
...	28·178	−25·380	− 5	...	...
...	28·014	−28·590	− 4	...	...
...	−27·508	+21·018	− 1	42.4620	10·0
...	26·773	+27·749	− 5	...	...
...	26·704	−44·734	− 5	...	...
...	26·702	+49·051	− 1	42.4621	10·2
...	26·122	+36·274	− 4	42.4622	10·2
111					
...	−25·875	−17·907	− 2	43.4668	10·5
†	25·243	−14·861	− 5	...	...
*	24·398	+27·253	1·15	42.4623	9·5
..	24·346	−53·614	− 5	...	...
...	23·933	−55·433	− 5	...	...
...	−23·713	−29·087	− 4	43.4669	10·8
...	23·342	−45·681	− 3	43.4670	10·5
...	22·803	+18·815	− 5	...	...
...	22·670	−31·552	− 1	43.4671	10·4
...	21·566	+27·325	0·70	42.4624	10·0

121–180

Notes.	Co-ordinates. x′	y″	Diam. −5·	C.P.D. No.	Mag.
121					
*	−20·982	−22·936	1·40	43°4672	8·9
..	20·711	+51·923	− 4	42.4627	10·6
...	20·697	−37·754	− 5	...	...
..	20·683	+15·182	0·65	42.4625	10·0
..	20·664	+ 1·813	− 4	42.4626	10·4
.	−20·266	−15·372	− 3	43.4673	10·8
...	19·807	−54·049	− 2	43.4674	10·4
...	19·324	+39·779	0·75	42.4628	10·0
...	19·322	−29·020	− 4	43.4675	10·8
...	19·005	−45·188	0·70	43.4676	10·4
131					
*	−18·525	−58·921	1·00	43.4678	10·0
†	18·171	− 9·982	− 4	43.4679	10·8
...	17·068	+56·060	− 3	41.4602	10·4
*	16·998	−44·064	1·25	43.4682	9·4
S *	16·971	−49·970	3·00	43.4681	7·6
...	−16·959	−33·588	− 5	...	...
...	16·843	−58·829	− 2	43.4683	10·4
..	16·514	−31·360	0·70	43.4684	10·6
...	16·211	−41·746	− 3	...	...
...	16·193	−27·376	− 5	43.4685	10·8
141					
...	−16·027	+57·549	0·85	41.4605	9·9
..	15·335	+11·315	− 5	...	...
*	15·194	−47·438	1·30	43.4686	9·3
†	15·107	+49·945	− 1	42.4629	10·0
...	14·423	− 9·122	− 5	...	...
...	−14·308	+ 2·676	− 4	42.4630	10·6
*	14·284	−13·815	1·10	43.4687	10·0
...	13·996	+ 2·959	− 4	42.4631	10·4
...	13·678	+48·679	0·70	42.4632	10·0
...	13·270	− 3·280	− 5	...	...
151					
*	−12·449	+30·458	1·15	42.4633	9·7
..	12·421	− 2·693	0·80	42.4634	10·2
...	12·193	−26·716	− 5	...	...
...	12·162	+ 6·354	− 3	42.4635	10·6
...	12·130	− 5·110	0·80	42.4636	10·0
..	−11·681	−54·079	0·90	43.4688	10·2
..	11·288	+43·942	− 4	42.4637	10·6
*	11·047	−19·603	1·25	43.4690	9·5
..	10·888	−41·090	− 3	43.4691	10·8
...	10·755	−44·247	− 3	43.4692	10·8
161					
...	−10·717	− 3·744	− 3	42.4638	10·4
...	9·344	−47·740	− 5	...	...
*	9·283	−46·622	1·05	43.4693	10·2
..	8·826	−17·963	− 4	...	...
...	8·143	−31·592	− 2	43.4694	10·8
...	− 7·595	+55·797	− 5	41.4612	10·6
..	7·184	+38·408	− 5	...	...
...	6·967	−30·999	0·65	43.4695	10·5
...	6·681	−42·008	− 2	43.4696	10·8
...	6·412	+27·235	0·90	42.4639	10·0
171					
S *	− 6·214	−19·673	4·00	43.4697	7·2
...	6·195	+ 7·844	0·75	42.4640	10·0
...	5·854	−37·719	− 4	...	...
...	5·607	+31·747	− 4	42.4641	10·6
..	5·490	+42·935	− 5	...	...
..	− 4·450	+48·816	− 5	...	...
...	4·193	−53·357	0·90	43.4699	9·7
...	3·886	+33·018	− 5	42.4642	10·6
...	3·685	−21·172	− 3	43.4700	10·2
...	3·467	−46·989	− 5	...	...

181–240

Notes.	Co-ordinates. x′	y″	C.P.D. No.	Mag.
181				
..	− 3·359	+ 4·448	− 3	42°4643	10·6
..	3·277	−32·857	− 3	...	...
...	2·984	+40·902	− 2	42.4644	10·4
..	2·850	−55·565	− 5	...	...
...	2·815	+16·485	− 5	...	...
..	− 2·783	+31·165	− 1	42.4645	10·4
...	2·756	+49·573	− 5	...	...
...	2·236	+46·269	− 3	42.4646	10·6
*	1·840	+11·959	1·15	42.4647	9·4
...	1·757	+48·942	− 3	42.4648	10·4
191					
...	− 0·864	+56·454	0·90	41.4621	10·0
†	0·136	− 0·229	− 5	42.4649	10·6
†	0·088	+17·058	− 3	42.4650	10·6
...	− 0·010	−42·764	− 5	...	...
...	+ 0·081	−54·094	− 5	...	...
...	+ 0·147	+11·916	− 4	42.4651	10·6
...	0·279	−33·103	− 5	*m*	...
...	1·604	+54·214	− 5	...	...
...	1·701	− 8·173	− 5	...	...
...	2·182	−15·064	− 3	43.4701	10·2
201					
...	+ 2·205	−40·408	− 2	43.4702	10·0
*	2·317	−56·750	1·25	43.4703	9·1
...	2·954	−15·346	− 3	43.4704	10·0
...	3·041	+28·319	− 5	42.4652	10·6
...	3·236	+12·580	− 5	...	...
...	+ 3·348	+ 7·568	− 5	42.4653	10·6
...	3·458	+21·392	− 5	...	...
S *	3·624	+27·648	2·60	42.4654	7·8
...	3·626	−18·616	− 5	43.4705	10·2
S *	4·031	−21·555	1·90	43.4706	8·4
211					
...	+ 4·161	−18·128	− 3	43.4707	10·0
..	4·472	+22·567	1·50	42.4655	9·0
.	4·924	+ 6·147	− 4	42.4656	10·6
.	5·378	−33·254	− 2	43.4708	9·9
.	5·654	−12·130	− 4	*a*	...
*	+ 5·933	−33·207	1·10	43.4709	9·4
...	6·013	+46·029	− 3	42.4657	10·4
...	6·416	+23·409	− 3	42.4658	10·6
...	7·080	+35·089	− 2	42.4659	10·0
...	7·491	+ 7·023	− 3	42.4660	10·6
221					
.	+ 7·574	−58·082	− 5	43.4710	10·2
*	7·931	+16·785	1·00	42.4661	9·7
..	8·056	−13·282	− 5	43.4711	10·2
*	8·181	+22·939	3·10	42.4662	7·4
...	8·255	+ 6·780	− 4	42.4663	10·6
*	+ 8·348	− 1·310	1·10	42.4665	9·9
...	8·391	+47·705	− 4	42.4664	10·4
...	8·881	+44·488	− 4	42.4666	10·6
*	9·063	+49·847	1·10	42.4667	9·4
...	9·939	+46·046	0·75	42.4668	10·0
231					
...	+10·044	+30·940	0·75	42.4669	10·0
...	10·260	−42·216	− 2	43.4712	9·9
...	10·526	− 0·121	− 5	*b*	...
...	11·347	−38·593	− 5	...	...
...	11·436	+21·227	− 5	...	...
...	+11·667	−24·394	− 3	43.4713	10·0
S *	11·921	+56·870	1·35	41.4635	9·2
...	12·218	− 9·617	− 5	*b*	...
...	12·329	+15·377	− 1	42.4670	10·0
*	12·835	−56·559	1·25	43.4714	9·4

62. Mass. 42°·63, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
241-290					
241					
.	+13·397	+59·133	0·80	41·4640	10·0
.	13·143	−42·423	− 3	...	...
.	13·273	+14·618	− 5	.	...
*	13·383	+44·392	1·05	42.4672	9·9
..	13·387	+25·950	− 5	...	...
*	+13·452	+46·586	1·05	42.4671	9·9
..	13·522	+15·910	− 5	42.4673	10·6
...	14·889	+20·433	− 5	42.4674	10·6
.	15·308	+25·862	− 3	42.4675	10·4
*	16·531	+53·670	1·30	41.4643	9·4
251					
†	+16·945	−39·784	− 4	43.4716	10·2
..	17·050	−23·994	− 1	43.4717	9·9
*	18·059	−51·323	2·80	43.4718	7·6
...	18·376	+19·026	− 4	42.4676	10·6
...	18·472	−20·847	− 3	43.4719	10·2
*	+18·647	− 5·730	1·20	42.4677	9·4
.	18·752	−44·395	− 1	43.4720	9·9
..	18·946	−41·439	− 4	42.4678	10·4
*	19·079	−26·393	1·90	43.4721	8·6
.	19·182	−23·660	− 5	.	...
261					
S *	+19·268	+48·010	2·80	42.4679	8·2
†	19·723	+22·182	− 5	...	...
.	20·368	−33·644	− 5	..	...
...	20·902	+19·335	− 4	...	...
...	21·360	+38·584	− 3	42.4680	10·6
.	+21·400	+25·790	− 5	42.4682	10·6
.	21·400	+24·368	− 4	42.4681	10·6
*	22·210	−44·894	1·20	43.4723	9·2
...	22·342	−22·609	− 5	...	...
.	22·345	+58·338	0·80	41.4650	10·2
271					
*	+22·688	−35·631	1·30	43.4724	9·2
...	23·015	+28·276	− 5	..	...
.	23·099	+13·112	− 5	...	...
.	23·340	− 3·018	− 5	42.4683	10·6
.	23·479	−13·149	− 5	...	...
.	+23·851	+21·662	0·80	42.4684	10·0
.	24·851	+41·525	0·65	42.4685	10·2
.	25·105	−16·903	0·70	43.4726	10·0
S *	26·386	−58·356	3·35	43.4728	7·6
.	26·965	+ 8·854	− 1	42.4686	10·6
281					
...	+28·208	− 3·438	− 2	43.4731	10·2
.	28·365	+ 6·792	− 5	...	...
.	28·384	−17·737	− 5	..	...
*	28·485	− 0·173	0·65	42.4687	10·2
.	28·916	−14·452	0·90	43.4732	9·8
.	+29·164	−15·481	0·80	43.4733	9·9
.	29·282	−33·766	1·15	43.4734	9·2
.	29·451	+21·866	0·90	42.4688	10·0
*	31·134	− 4·756	1·00	42.4689	9·9
...	31·661	− 0·909	− 5	b	...
291-340					
291					
...	+31·519	+56·417	− 5	..	...
...	31·601	−32·270	− 3	43.4735	10·2
.	31·756	+44·086	− 5	...	...
.	32·755	+48·048	− 4	42.4690	10·6
...	33·158	+50·563	− 3	42.4691	10·6
...	+33·424	+32·279	0·70	42.4692	10·4
...	33·849	−22·991	0·70	43.4736	10·0
...	35·211	+25·367	− 3	42.4693	10·3
...	35·333	−39·411	− 4	...	...
..	35·447	−28·057	− 4	...	...
301					
...	+35·548	− 2·087	− 2	42.4695	10·3
*	35·904	+23·747	1·00	42.4694	9·8
..	35·931	−55·203	− 2	43.4739	10·0
...	36·345	−23·918	− 5	...	...
*	36·391	−16·035	1·00	43.4740	9·8
..	+36·457	−42·621	− 5	...	...
*	37·190	−38·942	1·10	43.4742	9·4
.	37·330	−15·156	− 2	43.4741	10·2
.	37·396	−38·437	− 5	...	...
...	37·714	−49·327	− 5	...	...
311					
*	+37·823	−12·156	1·15	43.4745	9·4
S *	37·854	− 6·961	2·20	42.4696	8·3
...	37·912	−16·927	0·70	43.4744	10·2
...	38·002	−33·101	0·90	43.4747	9·9
...	38·100	−53·187	− 5	...	...
...	+38·538	−14·225	− 3	43.4749	10·2
...	38·600	−47·462	0·90	43.4750	9·8
*	38·655	−11·016	1·25	43.4748	9·2
*	39·203	−24·516	1·20	43.4751	9·2
†	39·208	+20·108	0·90	42.4697	9·9
321					
†	+39·774	−57·871	1·15	43.4752	9·5
...	40·017	+27·680	− 4	42.4698	10·3
...	40·086	−25·938	− 4	...	...
..	40·135	− 1·993	0·80	42.4699	10·0
†	40·383	−44·827	0·75	43.4755	9·9
...	+40·459	−44·166	− 5	...	...
*	40·887	−58·206	1·45	43.4757	9·2
...	40·988	−29·888	− 3	43.4756	10·2
..	41·083	+ 6·981	− 5	...	...
...	41·411	+24·389	− 5	.	...
331					
..	+41·683	+33·619	− 3	42.4700	10·1
...	41·875	+38·799	− 5	...	...
...	41·907	+16·923	− 3	42.4701	10·3
.	42·981	− 6·506	− 5	b	...
.	43·216	−37·790	− 5	...	...
*	+43·415	+12·016	1·20	42.4702	9·4
...	43·590	−42·883	0·90	43.4760	9·9
..	43·864	+10·218	− 4	42.4703	10·3
.	43·890	−43·580	− 4	43.4761	10·2
...	44·061	−56·057	− 5	...	...
341-390					
341					
...	+44·409	−39·919	− 4	43.4762	10·2
*	44·564	+ 4·694	1·20	42.4704	9·6
†	44·705	+16·387	− 4	...	...
†	44·804	−41·749	− 5	43.4763	10·2
...	45·378	−27·174	− 3	43.4764	10·2
...	+45·514	−43·947	− 3	43.4765	10·2
...	46·195	−53·573	− 3	43.4767	10·0
...	46·870	+37·399	− 4	..	...
...	47·011	− 6·771	− 2	42.4706	10·3
...	47·334	−29·063	− 5	...	...
351					
...	+47·417	+51·749	− 4	42.4705	10·2
...	48·281	+33·181	0·85	42.4707	9·9
...	48·952	−27·009	− 3	43.4771	10·2
..	48·993	+50·382	− 5	42.4708	10·3
...	49·195	+45·412	− 4	42.4709	10·3
...	+49·571	−12·572	− 3	43.4772	10·0
†	49·673	−19·568	− 4	...	...
...	49·741	+24·360	− 5	...	...
...	49·976	− 7·106	− 3	..	..
..	50·320	+19·990	− 5	.	.
361					
...	+50·331	+48·669	− 5	..	..
.	50·357	+14·149	− 3	42.4710	10·3
...	50·396	−20·042	− 5	"	...
...	51·291	+23·155	− 1	42.4711	10·1
...	51·314	−29·940	− 3	43.4773	10·2
...	+51·389	+11·346	− 5	...	...
...	51·741	−48·843	− 5	...	...
...	51·854	+ 1·580	− 4	...	...
*	52·321	−50·888	1·10	43.4774	9·6
...	52·827	−52·328	− 5	43.4775	10·2
371					
...	+52·925	+47·254	− 5	42.4712	10·3
†	53·181	−59·636	− 3	43.4776	9·9
...	53·637	−36·684	− 4	43.4777	10·2
...	53·655	−28·993	− 5	...	...
...	53·991	−44·997	− 5	...	...
*	+54·581	+19·885	1·05	42.4713	9·8
..	54·867	+17·573	− 5	...	...
..	55·082	−15·533	− 5	...	...
..	55·294	−32·788	− 5	43.4778	10·2
...	55·449	−25·847	0·65	43.4779	9·8
381					
.	+55·932	+17·448	1·20	42.4714	9·8
..	56·041	−48·687	− 4	43.4780	10·2
...	56·439	− 9·459	− 5	...	...
...	56·875	+43·096	− 5	...	...
. ...	57·044	−39·425	− 5	...	...
...	+57·882	−33·663	− 5	43.4781	10·2
..	58·534	−13·051	− 3	43.4782	10·2
...	58·602	−42·779	− 5	...	...
*	58·641	− 5·523	1·05	42.4715	9·9
...	59·569	+15·723	− 3	42.4716	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1-60					
1					
...	−59·795	+14·003	0·70	42·4710	10·3
...	59·778	−12·722	0·90	43·4772	10·0
...	59·543	− 7·247	− 2	...	...
...	59·460	−19·719	− 1	...	...
...	59·146	+23·043	0·90	42·4711	10·1
...	−58·730	−20·161	− 3	E	...
...	58·688	+11·237	− 3	...	...
...	58·217	+47·153	− 5	42·4712	10·3
...	57·928	+ 1·491	− 2	...	...
†	57·521	−30·031	− 2	43·4773	10·2
11					
...	−57·306	−44·636	− 5	B	...
..	56·826	−37·235	− 5	B	...
...	56·781	− 9·716	− 5	M	...
...	56·537	−48·930	− 4	...	...
...	56·536	+40·459	− 5	...	...
...	−56·351	−42·640	− 5	B	...
...	56·288	+16·922	− 5	...	.
...	56·194	−27·227	− 5	M	...
...	56·068	+ 8·982	− 5	...	..
*	55·907	−50·927	1·15	43·4774	9·6
21					
...	−55·844	+ 5·698	− 4	...	..
‡	55·733	+19·867	1·00	42·4713	9·8
...	55·693	+16·546	− 5	...	...
..	55·377	+17·554	− 4	...	...
...	55·351	−52·385	− 3	43·4775	10·2
...	−55·212	−29·011	− 4	...	...
†	55·005	−36·707	0·65	43·4777	10·2
...	54·762	−59·669	0·85	43·4776	9·9
...	54·751	+16·219	− 5	...	...
...	54·399	−45·021	− 5	...	...
31					
*	−54·330	+17·470	1·10	42·4714	9·8
...	54·201	−15·518	− 2	...	...
...	53·724	−46·892	− 5	...	...
..	53·522	−25·820	0·90	43·4779	9·8
...	53·450	−32·762	− 1	43·4778	10·2
...	−53·021	− 9·407	− 3	...	...
...	52·720	−12·710	− 5	M	...
...	52·231	−48·632	0·70	43·4780	10·2
...	51·897	+33·456	− 5	A	...
...	51·740	−26·780	− 3	...	.
41					
...	−51·660	−23·612	− 5	M	...
...	51·114	+45·933	− 5	...	..
*	50·931	− 5·393	1·10	42·4715	9·9
...	50·919	+48·180	0·65	42·4717	10·0
...	50·912	−39·305	− 4	...	...
...	−50·834	−33·558	− 1	43·4781	10·2
...	50·808	−12·928	0·70	43·4782	10·2
...	50·638	+15·853	0·70	42·4716	10·2
...	50·597	−53·417	− 5	...	...
*	50·587	+52·485	1·10	41·4698	9·6
51					
...	−50·531	−14·724	− 5	M	...
...	50·514	−52·081	− 4	...	...
...	50·469	+27·813	− 4	..	...
...	49·878	− 7·205	− 5	M	...
...	49·842	−42·650	− 3	...	...
.	−49·799	+ 8·967	− 4	...	...
...	49·697	+54·150	− 5	41·4701	10·3
...	49·633	+53·459	− 1	41·4700	10·1
...	49·368	+20·240	− 5	...	...
...	49·021	−16·003	− 5	M	...
61-120					
61					
	−48·319	−54·335	− 2	43·4783	10·0
...	48·203	−28·870	− 3	..	...
S *	48·186	−52·348	1·45	43·4784	8·9
*	48·000	−31·559	1·10	43·4786	9·8
...	47·946	−21·679	0·70	43·4787	10·2
...	−47·890	−35·289	− 3	...	...
	47·850	−54·792	1·15	43·4785	9·7
S *	47·612	+11·550	1·30	42·4718	9·2
*	47·537	− 9·351	1·10	43·4790	9·6
...	47·536	− 3·693	− 5	M	...
71					
...	−47·464	−43·967	− 1	43·4789	10·2
...	47·388	+17·968	− 4	...	...
...	46·908	−10·164	− 5	M	...
...	46·547	−43·818	− 5	...	...
*	46·238	− 8·937	1·00	43·4791	9·8
...	−45·935	−11·842	− 5	M	...
...	45·607	+12·657	− 5	A	...
...	45·579	+ 2·915	− 4	...	.
S *	45·528	− 9·189	3·20	43·4794	7·4
...	44·830	−23·910	− 5	M	...
81					
S *	−44·795	+27·592	2·00	42·4719	8·3
†	44·717	− 4·963	− 2	...	...
...	44·618	+ 3·774	− 2	...	...
..	44·486	−58·158	− 4	43·4795	10·2
...	44·434	−18·406	0·65	43·4796	10·2
	−44·360	+53·007	− 4	41·4703	10·3
...	44·304	−57·342	− 4	B	...
...	44·178	−35·393	0·80	43·4797	10·2
...	44·107	+18·273	1·10	42·4720	9·6
..	43·767	+49·068	− 5	...	...
91					
...	−43·710	+ 5·472	− 4	..	...
*	43·320	−27·452	1·35	43·4798	8·9
...	43·132	−28·480	− 3	43·4800	10·2
...	43·042	+20·853	− 5	.	...
†	42·877	−54·915	0·75	43·4799	9·9
..	−42·803	− 1·051	− 5	M	...
*	42·160	−42·537	1·10	43·4801	9·7
...	42·102	−40·388	− 4	...	...
...	42·100	−32·550	− 4	.	.
...	42·031	−58·678	− 5	...	
101					
..	−41·988	+44·633	0·65	42·4721	10·2
.	41·841	+ 5·344	− 4	...	...
.	41·469	+40·506	− 5	...	...
*	40·868	−16·410	2·20	43·4803	8·0
...	40·787	+ 6·726	0·75	42·4722	10·3
..	−40·559	+18·585	− 5	...	...
..	40·375	−42·874	− 2	43·4804	10·2
*	40·300	−45·494	1·10	43·4805	9·7
...	40·224	+17·199	− 1	...	...
†	39·985	−17·952	0·80	43·4806	9·9
111					
†	−39·925	−38·769	− 3	...	...
...	39·591	−18·032	− 5	M	...
...	39·444	+18·342	− 4	...	...
...	39·339	−48·031	− 1	43·4808	10·0
...	39·338	−41·016	− 1	43·4809	10·2
.	−39·296	− 0·286	− 2	42·4723	10·3
*	39·089	−37·743	1·30	43·4810	9·0
...	38·746	−53·532	0·95	43·4811	9·8
...	38·544	−15·905	− 5	M	...
†	38·348	−54·893	0·70	43·4812	9·9
121-180					
121					
...	−38·328	+ 9·268	− 3	...	...
...	38·233	−32·624	− 5	B	...
...	38·197	+10·504	− 5	...	...
...	37·952	−53·348	− 5	...	...
...	37·777	+57·099	− 3	41·4708	9·9
...	−37·715	+29·606	− 5	...	...
...	37·673	+48·701	− 5	...	...
*	37·559	+37·779	1·00	42·4724	9·7
...	37·329	−32·154	1·00	43·4813	9·9
...	37·022	+ 5·149	− 4	...	...
131					
*	−36·936	+ 2·380	1·00	42·4725	9·8
...	36·905	−36·643	− 5	B	...
*	36·684	+16·502	1·25	42·4726	9·3
*	36·514	+13·654	1·15	42·4727	9·4
...	36·447	+ 6·473	− 5	...	...
...	−36·252	− 9·494	− 5	M	...
...	36·209	−27·068	− 5	M	...
...	35·845	−12·952	− 4	B	...
.	35·773	−33·494	− 4	...	...
...	35·169	− 9·396	− 4	B	...
141					
†	−35·002	−22·948	− 5	M	...
†	34·995	−48·561	− 3	43·4814	10·2
...	34·772	+50·936	− 3	42·4728	10·1
..	34·715	−31·229	− 5	D	...
..	34·230	+23·418	− 4	..	...
...	−34·212	−43·483	− 4	...	...
.	34·153	− 1·229	− 2	42·4729	10·3
...	34·131	−43·081	− 3	...	...
*	33·834	−41·038	1·15	43·4815	9·4
...	33·502	+27·877	− 5	...	...
151					
...	−33·268	+38·741	− 3	42·4730	10·3
*	33·038	−34·253	1·10	43·4816	9·6
...	32·901	−23·807	− 5	M	...
	32·523	+47·746	− 5	...	..
...	32·462	+55·477	− 5	...	...
‡	−32·310	+54·778	1·30	41·4713	9·4
...	32·015	−28·993	− 4	B	...
...	31·894	+15·513	0·85	42·4731	10·0
..	31·747	+43·911	− 3	42·4733	10·3
...	31·675	+59·602	− 5	...	...
161					
*	−31·595	+ 4·674	1·00	42·4732	9·8
..	31·384	− 7·969	0·75	43·4817	10·0
...	31·350	−50·871	− 5	...	...
	30·561	+17·368	− 5	...	...
...	30·259	−16·798	− 2	43·4818	10·2
..	−30·201	+15·070	− 5	...	.
...	29·708	+13·686	− 5	A	...
...	29·634	+13·186	− 3	...	...
...	28·785	+55·734	− 5	41·4715	10·3
...	28·723	+42·397	− 4	...	...
171					
...	−28·587	−10·166	− 5	M	.
...	28·461	+12·814	− 5	A	
...	28·422	−21·087	− 5	M	
...	28·228	+34·749	− 3	42·4734	10·3
...	28·125	+57·861	− 3	41·4716	10·1
*	−28·009	−40·265	1·00	43·4819	9·9
...	27·923	−33·022	− 4	...	...
..	27·905	−17·734	− 5	M	...
...	27·848	−49·366	− 5	...	.
...	27·843	+44·585	− 4	...	

S measured from I, 241, 430.
SB .. .. 110, 331, 524.

181–240

Notes	Co-ordinates. x.	y.	Diam. −4.	C.P.D. No.	Mag.
181					
*	−27·837	−38·525	1·80	41.4718	8·8
	27·684	−3 9·3	− 5	M	...
...	27·638	−12·636	0·65	43.4820	10·0
..	27·599	−30·912	− 5	B	...
.	27·471	+45·434	− 5	M	...
*	−27·456	+32·413	1·10	42.4735	9·8
	27·443	+ 11·08	− 5	M	...
	27·442	+31·216	− 5	M	...
*	27·251	+58·685	1·10	41.4719	9·6
..	27·139	−34·199	− 5	B	...
191					
...	−26·897	+31·23	− 1	42.4736	10·1
...	26·861	+24·247	− 3	...	...
...	26·859	−52·870	− 5	B	...
...	26·771	+45·776	− 2	42.4737	10·0
...	26·464	−55·125	− 5	B	...
..	−26·391	−27·031	− 2	43.4821	10·2
...	26·232	+33·341	− 4	...	...
...	26·194	−36·005	− 5	B	...
...	26·047	−49·180	− 5	B	...
*	26·038	−3 ·783	1·10	43.4822	9·7
201					
...	−25·781	−23·068	− 5	M	...
...	25·726	+34·414	− 5	..	...
	25·559	− 1·131	− 2	42.4738	10·3
	25·241	+ 4·308	− 3	42.4740	10·3
..	25·236	+ 1·714	0·70	42.4739	10·1
:	−25·056	+44·536	1·15	42.4741	9·3
†	25·052	+29·134	− 5	...	...
	25·049	−10·448	2·10	43.4823	8·3
	24·804	−57·583	− 5	B	...
...	24·732	−24·813	− 5	M	...
211					
:	−24·673	+49·917	1·30	42.4742	8·9
*	24·463	+36·001	1·05	42.4743	9·6
...	24·404	− 4·134	− 4	B	...
...	24·304	+26·935	− 2	42.4744	10·3
	24·012	+42·292	− 3	42.4747	10·3
	−23·995	+ 4·071	− 4	..	...
*	23·959	− 2·082	1·00	42.4745	9·5
...	23·778	+46·187	− 3	42.4748	10·1
...	23·758	− 2·550	− 5	M	...
...	23·740	− 4·864	− 5	M	...
221					
*	−23·636	− 7·421	1·10	42.4746	9·7
...	23·421	−25·401	0·80	43.4825	10·2
	23·146	−33·13	− 4	..	..
	23·028	+31·13	− 5	M	
	22·791	−30·799	− 5	M	
...	−22·754	−42·524	− 3		...
	22·723	+ 6·551	5	M	..
:	22·130	−59·829	1·10	43.4827	9·6
:	21·856	−42·315	1·20	43.4829	9·6
	21·853	−22·776	− 5	M	.
231					
	−21·755	−37·688	− 5	M	...
	21·729	+22·851	− 4	...	...
	21·565	− ·339	3·00	42.4749	7·7
...	21·476	+18·778	− 4	..	..
	21·471	+ 2·720	− 3	..	...
	−21·323	−42·470	− 5	M	...
	20·466	+32·207	0·80	42.4750	9·9
...	20·300	−26·082	− 3	43.4831	10·2
	20·253	−25·114	− 3	43.4830	10·2
	20·212	−40·752	− 5	M	.

241–300

Notes	Co-ordinates. x.	y.	Diam. −4.	C.P.D. No.	Mag.
241					
...	−19·156	+ 1·510	− 4	A	...
..	18·896	+14·113	− 4	...	...
	18·794	+51·537	0·90	42.4751	9·9
	18·397	+49·042	− 5	...	
...	18·171	−12·222	− 4	B	...
...	−18·143	− 8·043	− 4	B	...
...	17·988	− 4·389	− 5	M	..
...	17·855	−37·761	− 4	B	...
...	17·659	−29·685	0·70	43.4832	10·2
...	17·087	− 6·513	− 4	B	...
251					
...	−16·869	+15·734	− 5	M	...
..	16·744	−55·073	0·90	43.4833	9·9
†	16·709	+ 5·020	0·85	42.4752	10·0
*	16·688	+40·586	1·30	42.4753	8·9
...	16·340	+34·806	− 4	...	...
..	−16·265	+25·060	− 5	..	...
*	16·152	+30·409	1·00	42.4754	9·8
*	15·941	−52·228	1·00	43.4835	9·7
...	15·939	−11·394	− 5	M	...
*	15·254	−59·235	1·00	43.4836	9·8
261					
..	−15·136	−34·701	− 1	43.4837	10·2
...	14·950	−19·217	− 5	M	...
...	14·946	+19·831	− 4	...	...
...	14·570	−26·148	− 5	M	
...	14·233	− 30·573	− 5	...	...
S *	−14·189	+55·183	1·80	41.4726	8·8
...	13·679	−18·326	− 5	M	...
..	13·453	−31·392	− 4	...	...
*	13·310	−23·308	1·5	43.4838	8·6
...	13·034	−45·025	0·90	43.4839	9·9
271					
...	−12·348	+10·194	− 2	42.4755	10·3
...	11·639	−16·770	− 3	...	...
S *	11·392	−55·107	1·80	43.4840	8·7
...	11·074	+ 3·38	− 1	42.4756	10·2
.	10·995	− 1·997	0·85	42.4757	10·0
*	−10·694	−19·153	1·00	43.4841	9·8
...	10·604	−25·728	0·80	43.4842	9·9
..	10·271	−23·692	− 5	...	...
..	10·198	− 4·262	− 4	B	...
‡	10·079	+39·267	1·20	42.4758	9·2
281					
...	− 9·891	−51·750	− 2	43.4843	10·2
	9·769	+23·314	− 5	...	...
.	9·527	+55·079	− 3	41.4733	10·3
.	9·311	+ 2·771	− 5	M	...
	9·052	−33·014	− 5	M	...
...	− 8·787	+20·351	2		...
	7·874	+30·803	− 2	42.4759	10·3
.	7·658	−26·302	1·[illegible]	43.4844	9·9
	7·364	−26·798	1·10	43.4845	9·7
.	7·237	+58·818	0·90	41.4737	9·8
291					
...	− 7·237	+22·109	− 5	...	...
...	7·040	−57·737	− 5	.	...
	6·998	−32·648	− 5	M	...
.	6·887	−31·052	1·15	43.4847	9·4
	6·753	− 8·540	− 2	..	...
S *	− 6·723	+ 7·469	2·55	42.4760	8·3
	6·469	+ 8·342	− 5	..	.
.	6·415	− 8·813	− 5	M	...
S *	6·161	+46·029	3·25	42.4761	7·8
*	6·070	+48·302	1·40	42.4762	8·9

301–360

Notes	Co-ordinates. x.	y.	Diam. −4.	C.P.D. No.	Mag.
301					
†	− 5·822	−19·879	− 4	C	...
...	5·265	−57·205	− 5	...	...
...	5·260	+25·523	− 1	42.4763	10·1
...	5·008	−13·214	− 4	M	...
...	4·057	+43·804	− 1	42.4764	10·2
...	− 4·032	−22·159	0·65	...	...
*	4·006	−31·902	1·05	43.4849	9·7
*	3·844	−10·230	1·10	43.4850	9·6
...	3·731	−52·936	− 4	...	...
*	3·675	+12·362	1·10	42.4765	9·6
311					
...	− 3·417	−45·062	− 2	...	...
...	3·187	+28·376	− 3	...	...
...	3·132	+32·558	− 3	42.4766	10·3
...	3·109	−21·420	− 4	M	...
...	3·016	+11·836	− 5	*m*	...
*	− 2·965	+47·415	1·15	42.4767	9·4
*	2·919	+57·438	1·00	41.4740	10·0
...	2·853	−17·694	− 5	M	...
...	2·809	+24·293	− 4	B *a*	...
...	2·012	+45·857	− 3	...	...
321					
†	− 1·974	−54·860	0·70	43.4852	10·0
	1·602	−44·656	− 5	M	
...	1·383	− 8·677	− 5	M *m*	...
..	1·381	+18·583	− 3	...	...
.	1·314	−15·409	− 3	M	.
.	− 0·960	−37·389	0·90	43.4853	9·9
	0·874	+54·660	− 3	41.4742	10·3
*	0·641	+11·302	1·30	42.4768	9·4
*	0·345	+40·453	1·00	42.4769	10·0
†	− 0·083	−51·749	− 4	...	..
331					
...	+ 0·009	+12·356	− 5	M *m*	...
...	0·089	−33·879	− 5	M *m*	...
*	0·219	−25·293	1·20	43.4854	9·4
...	0·323	+20·076	− 3	42.4770	10·3
...	0·551	+ 4·387	− 5	...	...
	+ 0·713	+52·085	− 2	42.4771	10·2
	0·799	+ 8·167	− 3	...	...
...	0·978	+37·228	− 1	42.4772	10·1
...	1·101	−10·209	0·70	43.4855	10·0
...	1·182	− 5·862	− 4	M *b*	...
341					
...	+ 1·503	−35·207	− 5	M *m*	...
...	1·679	+26·204	− 5	M *m*	...
...	1·683	−53·603	− 2	43.4856	10·2
..	1·876	−54·453	− 5	...	...
	1·945	−39·763	− 5	M	...
...	+ 2·043	+ 2·485	− 2	...	...
.	2·080	+48·817	− 3	42.4773	10·3
..	2·314	+ 6·030	− 5	...	...
...	2·315	+23·217	− 4	...	
	2·329	− 9·188	− 4	M	...
351					
...	+ 2·383	−15·027	− 4	M	.
	2·897	+ 2·423	− 5	M	.
	3·068	+42·806	− 5	...	..
:	3·268	− 1·668	1·95	42.4774	8·7
..	3·280	−46·130	0·80	43.4858	9·9
	+ 3·559	+49·266	− 5	...	
	4·084	−32·074	− 5	M	.
	4·452	+35·352	− 5	M	...
	4·467	−42·531	− 3	...	.
...	4·665	+23·209	− 5	...	..

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
361-420					
361					
...	+ 4·944	+48·485	− 3	42.4776	10·3
...	4·955	+27·672	− 3	42.4775	10·3
...	5·055	−50·329	− 5	M	...
...	5·278	−11·498	− 5	...	..
...	5·525	−58·903	0·85	43.4859	10·0
...	+ 5·670	+16·317	− 5	.	...
...	5·732	−40·465	− 5	.	
...	5·740	+43·702	− 5		..
...	6·242	+56·664	− 4	.	...
...	6·282	+30·440	0·65	42.4777	10·0
371					
...	+ 6·498	−51·386	− 5	...	...
...	6·637	− 7·242	− 4	...	...
*	6·691	+ 3·099	1·05	42.4778	9·9
...	6·902	+54·773	0·70	41.4750	10·0
...	7·037	−26·591	− 5	...	...
...	+ 7·234	−45·041	− 4	...	...
...	7·459	−41·691	− 4	...	...
*	7·474	−42·062	1·20	43.4860	9·2
S *	8·241	+26·445	1·65	42.4779	8·6
*	8·969	+33·691	1·20	42.4780	9·3
381					
...	+ 9·168	+48·931	0·90	42.4781	9·9
.	9·174	+33·198	− 5	...	...
...	9·289	+ 8·290	− 5	...	...
...	9·373	+32·315	− 4	...	...
...	9·682	−43·859	− 2	43.4861	10·2
*	+ 9·719	+ 4·723	1·10	42.4782	9·8
†	9·930	−49·699	− 3	43.4862	10·2
...	9·933	−15·016	− 5	*m*	...
...	10·021	+59·596	− 4	41.4755	10·3
*	10·054	+23·173	1·00	42.4783	9·8
391					
...	+10·188	+53·701	− 5	...	...
*	10·979	+58·145	1·25	41.4757	9·6
...	11·276	−42·730	− 5	...	...
...	11·304	+56·965	− 5	41.4758	10·3
*	11·552	−24·142	1·20	43.4863	9·4
..	+11·555	+56·619	− 4	41.4760	10·3
...	11·627	+19·723	− 5	...	...
...	11·781	+55·825	− 3	41.4762	10·3
...	11·934	−48·922	− 5	...	...
...	12·740	+42·813	− 5	*a*	...
401					
*	+12·748	−53·527	1·20	43.4865	9·6
...	13·000	+28·152	− 5	...	...
...	13·196	+52·256	− 3	42.4784	10·3
...	13·858	+25·860	− 5	...	...
...	14·104	− 6·967	− 2	42.4785	10·3
S *	+14·117	−14·146	2·73	43.4867	8·1
...	14·148	−59·617	− 5	...	...
*	14·233	−48·888	1·35	43.4868	9·2
...	14·354	+ 5·673	− 1	42.4786	10·0
†	14·902	−13·202	− 5	*m*	...
411					
...	+14·911	+19·862	− 2	...	...
...	14·982	−56·935	0·70	43.4869	10·0
...	15·250	+ 9·526	− 3	42.4787	10·3
*	15·459	−13·679	1·20	43.4870	9·5
...	16·059	− 0·669	− 2	...	...
...	+16·133	− 0·074	− 5	*m*	...
...	16·710	− 4·126	− 2	42.4788	10·3
...	16·760	−55·868	− 4	...	...
...	16·774	−14·315	− 5	*m*	...
...	17·614	+53·202	− 5	...	...
421-480					
421					
	+18·122	+ 7·221	− 4	.	.
...	18·393	+42·854	− 4	.	...
...	18·880	−36·760	− 5	.	
	19·018	− 3·137	− 2	.	.
.	19·123	−38·374	− 4	...	..
*	+19·169	−31·728	1·10	43.4871	9·8
...	19·330	+45·255	− 3	42.4789	10·3
...	19·388	+ 1·439	− 4	...	..
	19·589	+47·234	1·05	42.4790	9·8
†	19·863	− 0·864	− 5	*m*	...
431					
*	+19·913	+36·587	1·00	42.4791	9·8
.	20·482	− 5·920	0·80	42.4792	10·2
S *	20·820	+13·932	1·63	42.4793	8·6
a *	21·232	+ 0·296	1·00	42.4794	9·8
...	21·388	− 2·463	− 5	...	...
†	+21·436	−29·896	− 5	...	...
...	21·853	− 2·296	− 2	...	...
...	21·944	+23·932	0·65	42.4795	10·2
...	21·968	−25·943	0·75	43.4873	10·2
...	22·079	−23·778	0·80	43.4874	9·9
441					
...	+22·119	+ 0·803	− 5	...	...
...	22·133	+13·824	0·85	42.4796	9·9
*	22·175	−40·882	1·10	43.4875	9·8
...	22·209	+24·343	− 5	...	..
.	22·656	− 8·503	− 5	...	...
*	+22·728	−15·366	1·05	43.4876	9·8
...	22·841	−33·208	0·80	43.4877	10·0
...	23·222	−20·551	− 3	...	...
...	23·873	+29·249	0·65	42.4797	10·3
...	23·875	+26·018	− 5	*m*	...
451					
...	+24·281	+11·175	− 5	...	...
*	24·364	−37·286	1·35	43.4878	9·1
...	24·706	−36·506	− 5	...	...
..	25·040	−18·876	0·75	43.4879	10·2
..	25·063	−11·589	− 1	43.4880	10·2
...	+25·813	+ 0·782	− 1	...	...
...	25·822	−20·633	− 4	...	...
...	25·885	+ 7·708	− 5	*a*	...
*	25·910	+27·226	1·15	42.4799	9·4
...	25·923	+51·329	0·80	42.4798	10·0
461					
...	+25·942	+12·848	− 5	...	...
..	26·050	−39·406	0·65	43.4881	10·2
...	26·411	+37·884	0·90	42.4800	9·8
...	26·488	+50·124	− 3	42.4801	10·2
...	26·801	+ 3·705	0·85	42.4803	10·0
...	+26·864	− 4·246	− 2	...	...
...	27·001	+29·484	0·70	42.4802	10·1
...	27·410	− 4·832	− 4	...	...
...	27·431	+14·782	− 3	...	...
*	27·643	−49·493	1·05	43.4882	9·9
471					
*	+27·899	+48·339	1·10	42.4804	9·6
...	28·153	− 7·370	− 4	...	...
*	28·561	+36·738	1·00	42.4805	9·9
...	28·713	+21·266	− 3	...	...
†	28·800	−39·791	− 4	...	...
...	+28·921	−22·752	0·65	43.4883	10·2
...	29·116	+ 7·668	− 5	*a*	...
...	29·492	−20·044	− 5	...	...
S *	29·833	+38·574	1·10	42.4806	8·8
...	30·133	+19·723	− 3	...	...
481-540					
481					
..	+30·628	−51·853	− 2	.	...
...	30·884	+59·624	− 5	...	...
N [	31·138	+32·265	− 5	.	...
†	31·360	+25·032	− 5	...	...
	31·393	−26·488	− 5	...	...
.	+31·669	−37·644	− 4	..	...
†	31·991	− 9·917	− 5	...	...
†	32·162	+24·997	− 5	...	...
..	32·418	+25·920	− 2	42.4807	10·3
...	32·419	+32·781	0·80	42.4808	9·8
491					
...	+32·596	+49·113	0·80	42.4809	9·9
*	33·228	+ 0·872	1·00	42.4810	9·8
...	33·290	−22·860	− 5	...	...
*	33·564	+ 4·308	1·00	42.4811	9·8
...	33·775	+56·145	− 4	41.4788	10·3
*	+34·317	+40·141	1·10	42.4812	9·8
..	34·370	−45·312	− 3	...	..
..	34·378	−52·442	− 5	...	...
...	34·894	−23·791	0·80	43.4885	10·2
. .	35·136	−59·317	− 5	...	...
501					
...	+35·216	−16·823	− 5	*m*	...
*	35·278	+56·950	1·15	41.4791	9·4
*	35·332	− 3·255	1·00	42.4814	9·8
...	35·402	+ 0·956	− 5	*m*	...
...	35·437	+58·299	0·70	41.4793	9·9
S *	+35·642	−52·597	1·95	43.4886	8·6
*	35·715	+51·986	1·20	42.4813	9·4
...	36·022	−45·358	0·80	43.4887	10·2
...	36·720	− 3·588	− 5	...	..
...	36·960	+34·228	− 4	...	...
511					
...	+37·024	+47·255	− 5	...	...
...	37·048	−28·760	− 5	*m*	...
...	37·574	− 5·766	− 5	...	...
...	37·735	+32·912	− 4	42.4815	10·3
*	37·894	+33·692	1·15	42.4816	9·2
...	+38·481	+28·012	− 2	...	..
...	38·673	+31·591	− 4	...	...
...	39·074	− 8·861	− 2	43.4890	10·3
...	39·156	+ 1·317	− 3	...	...
...	39·192	−38·884	− 2	...	...
521					
...	+39·238	− 0·196	− 5	*m*	...
..	39·241	− 5·837	− 2	...	...
...	39·435	−43·161	− 5	...	...
*	39·956	−12·053	1·00	43.4891	9·8
...	40·040	+22·040	0·90	42.4817	9·9
...	+40·047	+45·277	− 4	...	...
..	40·072	+ 0·390	− 1	...	...
...	40·078	+10·841	− 5	...	...
...	40·139	− 2·348	− 2	42.4818	10·1
...	41·146	−18·473	− 2	43.4892	10·2
531					
...	+41·410	+11·439	− 5	*m*	...
...	41·627	−38·641	− 5	...	...
	41·825	−31·749	− 5	...	...
	42·207	− 7·654	− 5	...	...
...	42·482	−10·626	− 4	*n*	...
...	+42·565	−58·111	− 4	...	...
. .	42·635	− 4·012	− 5	.	...
...	43·020	+28·109	− 1	42.4819	10·2
*	43·444	+ 7·474	1·20	42.4821	9·3
...	43·575	+17·924	0·70	42.4820	10·0

483. Mass. 42·'65, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
541–570					
541					
.	+43·690	−16·207	1·00	43.4894	9·8
.	43·940	+23·441	1·00	42.4822	9·8
...	44·563	−10·685	− 3	...	...
.	44·634	−34·388	0·90	43.4895	9·9
...	45·196	−24·723	− 3	43.4896	10·2
...	+45·395	− 1·040	− 2	42.4823	10·3
*	45·488	+ 6·789	1·00	42.4824	9·8
...	45·825	− 9·082	− 5	...	...
...	46·311	+39·490	0·70	42.4825	9·9
..	46·408	−32·566	− 3	..	...
551					
...	+46·648	+39·347	0·90	42.4826	9·8
...	46·673	−13·997	− 2	43.4898	10·2
...	46·928	− 3·707	− 4	...	...
...	47·107	+16·262	− 3	42.4827	10·3
*	47·380	−50·027	1·20	43.4900	9·5
*	+47·399	−32·699	1·05	43.4899	9·7
...	47·743	+16·759	− 5	...	...
...	47·890	−43·539	− 5	...	...
.	48·668	+58·405	0·65	41.4807	9·8
S *	49·123	−13·678	1·43	43.4902	8·9
561					
.	49·129	−35·163	− 5	...	...
...	49·388	+13·633	− 5	..	...
*	49·445	−34·079	1·35	43.4903	9·2
.	49·526	+22·514	− 5	...	...
..	49·544	+15·850	− 2	42.4828	10·3
.	49·977	−22·926	− 2	43.4904	10·2
*	50·164	+ 3·888	1·25	42.4829	9·4
.	50·382	+ 0·972	− 5	...	...
...	50·393	+10·619	0·80	42.4830	9·9
.	50·598	− 9·121	− 4	...	...
571–600					
571					
.	+50·628	+25·442	0·75	42.4831	9·9
..	51·134	+59·517	− 5	41.4813	10·1
..	51·386	+56·473	− 2	41.4814	9·9
.	51·736	−53·385	− 5	...	...
..	51·800	+10·167	− 3	42.4832	10·3
...	+52·058	+ 6·735	− 4	...	...
	52·084	−22·941	0·95	43.4905	9·9
	52·114	−29·368	0·90	43.4906	9·9
..	52·118	+56·065	− 2	41.4816	10·0
	52·310	+54·377	− 3	41.4818	10·0
581					
...	+53·004	+ 1·449	− 5	...	...
...	53·311	+41·854	0·65	42.4833	9·9
...	53·803	+ 6·969	0·65	42.4834	10·0
...	54·112	+ 6·467	0·70	42.4835	10·0
...	54·148	−56·086	− 5	...	...
*	+54·452	− 2·871	1·10	42.4836	9·8
...	54·962	+11·382	− 5	...	...
..	55·249	− 9·312	− 5	...	...
..	55·790	−13·714	0·95	43.4907	9·8
*	56·420	− 9·316	1·15	43.4908	9·6
591					
...	+56·555	−16·099	− 2	43.4909	10·2
	56·601	− 4·066	0·90	42.4837	10·0
...	56·657	−38·081	− 5	...	...
.	57·341	−17·245	− 3	...	...
	57·557	−26·989	− 2	43.4911	10·2
...	+57·602	+15·197	− 5	..	...
	58·015	+26·656	− 5	...	...
..	58·292	−24·670	− 5	...	...
S	58·464	−26·414	1·87	43.4912	8·9
...	58·700	+17·154	− 4	...	...
601					
601					
...	+59·163	+44·829	− 5	42.4838	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–20					
1					
.	59·856	+25·307	0·95	42.4831	9·9
*	59·681	+ 3·751	1·50	42.4829	9·4
*	59·674	+10·476	1·00	42.4830	9·9
	59·389	+ 0·840	− 5	..	...
	59·287	+55·960	0·80	41.4816	10·0
*	−59·276	−34·229	1·80	43.4903	9·2
	59·073	−23·053	0·85	43.4904	10·2
	59·056	+54·284	0·80	41.4818	10·0
.	58·856	− 9·239	− 4	...	...
	58·417	+16·064	0·70	42.4832	10·3
11					
	−57·877	+ 6·650	− 4	...	...
...	57·680	+41·786	1·0	42.4833	9·9
...	56·964	−23·014	1·00	43.4905	9·9
	56·737	−29·139	0·90	43.4906	9·9
...	56·394	−53·459	− 5	...	...
	−56·137	+ 6·933	0·90	42.4834	10·0
	55·810	+ 6·439	1·00	42.4835	10·0
*	55·193	− 2·886	1·00	42.4836	9·8
...	54·217	− 9·292	− 5	.	
...	53·908	−50·100	− 3	...	...
21–40					
21					
*	−53·538	−13·687	0·95	43.4907	9·8
*	53·042	− 9·307	1·15	43.4908	9·6
*	53·019	− 4·015	1·00	42.4837	10·0
	52·678	−16·045	− 1	43.4909	10·2
...	52·614	+15·264	− 4		..
..	−52·532	+26·730	− 4	...	...
..	51·931	−38·013	− 4		...
	51·907	+32·908	− 4		.
...	51·906	+44·941	0·65	42.4838	10·2
...	51·878	−17·168	− 2	..	...
31					
...	−51·551	+17·257	− 3	...	...
...	51·378	−26·894	0·90	43.4911	10·2
...	50·727	−24·561	− 5	...	..
S *	50·471	−26·305	1·9	43.4912	8·9
	50·303	+ 5·169	− 4	A	...
*	−49·533	−15·433	1·70	43.4913	9·4
	49·481	− 2·561	− 1	42.4839	10·3
...	49·185	+41·104	1·00	42.4840	9·9
	48·910	+11·298	− 4	...	...
	48·663	+32·131	− 5	...	...
41–60					
41					
...	−48·485	+33·621	− 5	...	...
	48·306	+18·106	− 4	...	...
*	48·090	+10·658	0·95	42.4841	9·9
*	48·085	−20·783	2·20	43.4914	8·5
.	47·783	+36·760	− 4	...	...
*	−47·754	+45·477	1·90	42.4842	9·2
...	47·470	−21·527	0·85	43.4915	10·0
*	46·910	+ 9·294	0·90	42.4843	9·8
S *	46·902	+40·860	1·90	42.4844	9·1
*	46·774	−23·634	1·20	43.4916	9·7
51					
...	−46·522	+12·713	− 4	...	...
..	46·414	+ 3·188	− 5	...	...
	46·357	−59·128	1·00	43.4917	9·9
...	46·314	− 1·843	− 2	...	...
*	46·128	−58·605	1·35	43.4918	9·8
...	−45·835	+44·223	0·90	42.4846	9·9
*	45·638	+11·295	1·05	42.4845	9·6
*	45·450	−41·249	1·40	43.4920	9·4
..	45·179	−51·200	− 3	43.4921	10·2
...	44·284	−18·898	− 5	..	...

ES measured from 1, 151, 293.
MC .. .. 82, 284, 305.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
61-120					
61					
*	−44·164	−10·661	1·15	43.4922	9·4
.	44·075	+47·644	− 4	42.4848	10·3
..	43·815	−25·258	− 5	...	...
*	43·809	−10·885	2·00	43.4923	9·0
...	43·780	+ 5·550	0·90	42.4847	9·9
...	−43·556	−24·710	− 3	..	...
*	43·324	−42·726	0·90	43.4924	10·0
...	43·127	−49·430	− 3	...	...
...	43·085	−51·451	− 4	...	...
...	42·955	+ 2·790	0·80	42.4849	10·3
71					
..	−42·860	+26·304	0·80	42.4850	10·2
...	42·808	−35·907	− 4	...	...
...	42·265	−12·772	− 3	...	...
...	42·096	−55·216	− 4	...	...
*	41·998	− 6·567	1·80	42.4851	9·1
...	−41·924	+56·450	0·80	41.4842	10·1
...	41·563	+ 9·419	− 4	...	...
*	41·533	−10·808	1·00	43.4925	9·8
...	41·281	−39·770	− 4	...	...
...	41·129	−37·555	− 4	...	...
81					
*	−41·034	+16·532	1·00	42.4852	9·8
...	39·442	−49·046	− 2	...	...
...	38·792	+ 0·529	1·00	42.4853	9·8
..	37·418	+ 9·064	− 1	42.4854	10·3
..	37·323	−27·893	− 1	...	...
.	−37·266	+58·092	1·20	41.4853	9·8
...	37·071	+48·526	− 3	42.4855	10·3
...	36·797	−26·369	− 3	...	...
...	36·586	−35·674	− 2	43.4929	10·2
†	36·440	−59·908	− 3	...	...
91					
*	−36·078	+22·106	1·00	42.4856	9·8
...	35·358	+13·917	− 3	...	...
†	35·031	− 7·519	− 2	42.4857	10·2
...	34·945	+55·312	− 5	B	...
...	34·279	+47·226	− 4	...	..
...	−34·263	+21·597	− 4	...	...
...	34·092	− 4·101	0·75	42.4858	10·0
..	33·962	−32·201	− 3	...	...
...	33·858	+ 3·046	0·95	42.4859	9·8
...	33·390	+30·377	− 4	...	...
101					
*	−33·326	+52·823	3·20	41.4858	7·8
†	32·596	+29·792	− 3	...	...
†	31·635	+54·873	3·00	41.4860	8·1
.	31·573	+14·043	− 5	...	...
+	31·247	+20·005	4·30	42.4860	7·5
*	−31·101	−41·986	1·20	43.4931	9·5
...	30·998	−24·490	0·90	43.4932	9·9
...	30·274	+50·011	− 2	42.4861	10·3
...	29·873	+17·613	− 5	...	...
†	29·167	−20·025	− 2	43.4933	10·2
111					
...	−28·994	+43·069	− 3	42.4863	10·3
...	28·773	+17·388	0·85	42.4862	10·2
...	28·643	−37·099	− 2	43.4934	10·2
...	28·433	+57·012	− 4	...	...
...	28·390	−29·055	− 1	43.4936	10·0
...	−28·280	− 1·125	− 4	...	...
*	28·269	−56·658	1·00	43.4935	9·9
...	28·201	+41·390	− 4	...	...
...	27·728	−17·791	− 4	...	...
...	27·315	−58·110	− 5	...	...
121-180					
121					
S *	−27·216	−45·163	2·80	43.4937	8·2
...	26·783	+46·709	− 5		...
..	26·575	+36·179	− 4		
..	26·573	−29·168	− 4		...
...	26·555	− 7·698	− 3		...
*	−25·557	−24·385	0·95	43.4938	9·9
...	25·522	−36·304	− 4		...
..	25·206	− 7·505	− 3	42.4864	10·3
..	24·607	+38·066	− 5	...	...
...	24·155	+22·529	− 4	...	...
131					
..	−23·691	−57·036	− 5	...	...
*	23·678	− 2·072	1·00	42.4865	9·8
...	23·659	−47·213	− 2	43.4941	10·2
..	23·646	−57·302	− 4	...	...
...	23·481	+57·875	− 3	41.4869	10·2
*	−23·206	+57·423	2·10	41.4870	8·6
...	23·013	+23·068	− 4	42.4866	10·3
.	22·725	+17·224	− 2	42.4867	10·3
...	22·608	−18·472	− 4	43.4942	10·2
...	22·416	+49·618	− 1	42.4868	10·3
141					
.	−22·324	+17·040	− 5	...	...
*	22·234	−24·940	0·95	43.4943	9·9
...	22·148	−17·754	− 2	43.4944	10·0
*	21·587	+43·553	2·40	42.4870	8·4
...	21·521	+22·348	− 3	42.4869	10·3
...	−20·953	−57·210	− 5	.	.
..	20·712	+41·628	− 4	...	...
...	20·445	− 5·759	− 5	42.4871	10·3
...	20·332	−16·973	− 5	...	...
...	20·102	−26·928	− 3	43.4945	10·2
151					
..	−19·799	−43·162	0·80	43.4946	10·2
...	19·521	+58·321	0·70	41.4873	10·1
...	19·165	−48·608	− 4	...	...
...	19·007	+ 0·866	− 4	42.4872	10·3
..	18·739	−58·444	− 5	...	...
..	−18·470	+42·690	− 1	42.4873	10·3
*	18·380	+43·744	1·20	42.4874	9·4
†	18·270	−10·076	− 3	43.4947	10·2
*	18·158	+ 3·562	1·90	42.4875	9·2
...	18·126	+49·935	− 3	...	...
161					
.	−16·055	+26·323	− 4	42.4876	10·3
*	15·839	+25·630	1·00	42.4877	9·8
..	15·598	−22·519	0·90	43.4948	10·0
...	15·553	+ 9·155	− 5	...	...
...	15·523	+ 0·903	0·80	42.4878	10·2
...	−13·441	+36·615	− 5	.	...
...	13·339	−34·622	− 5	...	...
*	12·742	+52·692	1·70	41.4884	9·2
. .	12·640	−26·522	− 5	...	...
...	12·267	− 5·440	− 4	42.4879	10·2
171					
...	−11·990	−30·546	− 3	...	...
...	11·587	+50·654	− 4	42.4880	10·3
...	11·048	−50·818	− 3	...	...
...	10·687	+55·463	− 5	...	...
*	10·285	−51·047	2·80	43.4949	8·1
†	−10·029	−17·527	− 5	...	...
†	9·974	−35·033	− 2	43.4950	10·2
a	9·832	+ 0·447	0·80	42.4881	10·1
*	9·721	−40·832	1·05	43.4951	9·8
*	9·569	+23·525	1·10	42.4882	9·7
181-240					
181					
..	− 9·156	+55·021	0·90	41.4892	10·0
	8·528	+18·280	1·05	42.4883	9·8
S *	8·017	+ 6·360	2·20	42.4884	8·6
...	7·980	−23·996	− 2	43.4952	10·2
..	7·612	−40·799	0·85	43.4953	10·0
*	− 7·352	+ 5·717	1·00	42.4885	9·7
...	6·663	+ 5·792	− 5	...	...
.	6·099	+44·558	− 4	...	...
+	5·876	+53·111	1·10	41.4894	9·6
...	5·783	+45·226	− 4	...	...
191					
..	− 5·674	−59·365	0·90	43.4954	10·0
*	4·560	−16·342	2·00	43.4955	8·4
*	4·497	−16·374	1·40		
...	4·558	+20·988	0·90	42.4886	9·9
*	4·537	+43·618	1·70	42.4887	9·0
...	− 3·399	+34·320	− 5	...	...
..	2·738	−30·308	− 4	...	...
..	2·531	+41·011	− 5	...	...
S	2·061	−16·295	0·90	43.4956	9·9
.	1·766	+48·037	0·90	42.4888	10·0
201					
..	− 0·997	+55·938	0·90	41.4903	10·0
.	0·909	+59·194	0·80	41.4904	10·0
...	− 0·650	−48·894	0·90	43.4958	10·0
*	+ 0·130	−45·361	3·00	43.4959	8·0
..	1·401	− 0·254	− 1	42.4889	10·2
.	+ 2·956	+49·604	− 5	...	...
.	2·999	+ 7·145	− 3	42.4890	10·3
...	3·749	+50·263	− 1	42.4891	10·2
.	3·878	−57·992	0·90	43.4961	10·2
..	4·063	−43·599	0·85	43.4962	10·0
211					
...	+ 4·226	− 0·524	− 3	42.4892	10·3
..	4·356	+25·341	− 1	42.4893	10·0
..	4·394	−32·243	− 4	...	...
..	5·264	+56·113	− 4	...	...
.	5·331	+52·858	0·65	41.4909	10·1
...	− 5·355	+48·648	− 3	42.4894	10·3
...	5·615	−47·900	− 3	...	.
..	5·677	−45·660	− 5	...	
.	6·294	−27·474	− 4		.
.	6·467	+28·665	− 5	.	...
221					
...	+ 6·661	−20·658	− 5	.	...
...	7·305	−54·401	− 3	...	...
*	8·851	+41·420	1·20	42.4895	9·4
..	10·348	+19·321	− 5	..	...
*	10·678	−59·233	1·00	43.4966	9·9
...	+10·688	+ 1·434	− 3	42.4896	10·3
...	11·678	+38·175	− 3	...	...
...	11·729	−18·030	1·00	43.4967	9·8
..	11·773	+13·803	− 4	...	...
...	12·065	−38·863	− 2	43.4968	10·2
231					
...	+12·335	+42·737	− 5	...	...
.	12·825	+13·199	− 3	42.4897	10·3
...	13·365	− 3·597	− 5	...	...
*	13·794	+34·503	1·10	42.4898	9·8
...	14·008	−14·334	− 4	...	...
...	+14·301	+27·258	0·90	42.4899	9·9
.	15·778	− 1·465	− 5	...	...
...	16·251	+37·188	− 5	...	...
*	16·421	−39·346	1·70	43.4971	9·2
...	16·810	+12·005	0·90	42.4900	10·0

241–290

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
241					
..	+17·097	+29·665	− 3	42.4901	10·3
.	17·145	+11·833	− 2	42.4902	10·3
..	17·367	+15·647	− 4	...	...
..	17·380	−58·481	− 5	..	...
*	17·559	−58·455	1·20	43.4973	9·8
...	+17·799	+45·238	− 1	42.4903	10·2
*	18·014	+ 5·728	0·95	42.4904	9·8
...	18·705	−34·850	0·65	43.4975	10·2
...	18·758	− 7·248	− 2	42.4907	10·3
..	18·786	+35·795	− 2	42.4905	10·2
251					
..	+18·847	+35·410	− 1	42.4906	10·0
...	19·247	+ 0·738	− 5	42.4908	10·3
.	19·604	−58·568	− 2	43.4976	10·2
..	20·583	+38·375	− 2	42.4909	10·2
.	21·056	+10·436	− 1	42.4910	10·2
...	+21·227	+36·023	− 2	42.4911	10·3
...	21·368	− 0·847	− 5	...	..
...	22·385	+25·461	− 5	...	...
*	22·755	+28·519	1·10	42.4912	9·8
...	23·835	−50·658	− 5	...	...
261					
..	+24·421	+ 2·252	− 1	42.4913	10·1
*	24·429	−55·183	1·70	43.4978	9·3
..	25·082	−27·863	− 4		. .
..	25·219	+ 4·439	− 5	...	
...	25·242	−54·224	− 5	. .	
	+25·352	− 2·650	− 5	. .	...
...	25·493	+59·387	− 5		...
*	25·675	+ 6·555	1·30	42.4914	9·4
. .	25·782	− 6·755	− 4	.	...
.	25·928	+ 6·992	− 4	...	...
271					
..	+26·521	+ 2·152	0·75	42.4915	10·1
*	26·650	+14·537	1·15	42.4916	9·7
*	26·951	−14·875	0·90	43.4979	10·0
...	27·401	−46·015	− 5	a	...
S *	29·320	− 2·415	1·95	42.4917	8·7
	+29·384	−45·250	− 1	...	...
*	29·412	−13·624	1·00	43.4980	9·8
...	29·462	+53·917	− 3	...	...
..	30·301	−30·720	1·00	43.4981	9·7
.	30·844	−46·542	0·90	43.4982	9·9
281					
.	+30·918	+49·725	− 5	42.4918	10·3
	31·375	− 7·638	0·70	42.4919	10·2
	32·062	+55·233	− 4	...	...
...	32·575	−27·388	0·80	43.4983	10·0
..	32·592	−30·285	− 5	...	...
. .	+33·125	−14·689	− 1	43.4984	10·2
.	33·441	+16·853	− 4	...	...
*	33·874	+13·765	1·70	42.4920	9·0
*	34·173	− 3·38.	1·90	42.4921	8·9
S *	34·908	+ 4·752	1·75	42.4922	8·8

291–340

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. +4.	C.P.D. No.	C.P.D. Mag.
291					
..	+35·097	− 7·587	0·65	42.4925	10·3
...	35·109	+ 0·876	0·75	42.4924	10·1
...	35·290	+23·162	− 3	...	...
*	35·462	+59·059	1·70	41.4955	9·4
...	35·545	+49·680	0·80	42.4923	10·1
..	+36·306	+34·094	0·80	42.4926	10·1
...	36·489	− 8·335	− 4	...	...
...	37·407	−38·711	0·85	43.4987	9·9
...	37·847	−25·702	0·70	43.4988	10·2
...	38·251	+15·272	− 3	...	...
301					
*	+38·503	−29·450	0·90	43.4989	9·8
*	39·025	− 0·988	2·10	42.4927	8·9
*	39·617	−31·998	0·90	43.4990	9·9
...	39·634	+26·734	− 2	42.4928	10·3
...	39·998	+13·846	− 3	42.4929	10·3
*	+40·147	− 2·079	1·30	42.4930	9·7
*	40·314	−41·091	1·00	43.4991	10·0
...	40·937	−42·569	− 5	...	...
. .	40·947	+29·491	− 4	...	...
...	41·132	−57·176	1·00	43.4992	10·0
311					
...	+41·147	+25·741	− 2	42.4931	10·3
..	41·848	−49·161	− 5	...	...
*	42·065	+16·030	1·50	42.4932	9·3
*	42·086	+15·779	1·80	42.4933	9·0
.	42·140	−28·750	− 4	...	...
*	+42·199	+52·046	1·20	41.4962	9·7
..	42·565	+19·192	− 1	42.4934	10·1
...	42·650	− 5·777	− 1	42.4935	10·3
...	42·672	−38·797	− 3	...	...
...	42·987	−49·415	− 4	43.4993	10·2
321					
S *	+43·073	−53·432	2·50	43.4994	8·2
	43·146	−47·489	− 5	...	...
...	43·898	+ 4·032	0·80	42.4936	10·1
.	44·517	+58·581	− 5	...	...
...	44·651	+58·213	− 2	41.4966	10·1
	+45·545	−10·911	− 2	...	...
	45·794	+39·069	− 4	...	..
	45·868	−19·313	− 4	.	.
	46·178	+32·312	1·00	42.4937	9·9
...	46·203	−54·348	− 4	...	...
331					
*	+46·853	+28·687	1·00	42.4938	10·0
...	47·290	+42·017	− 3	42.4939	10·3
.	47·374	−37·476	− 2	43.4995	10·2
S *	47·432	+24·603	2·80	42.4940	8·3
*	48·456	+16·325	1·00	42.4941	9·8
.	+48·560	+15·776	− 1	42.4942	10·3
...	48·897	+34·247	− 5	...	...
	48·951	−28·416	− 2	43.4997	10·2
...	49·075	+ 8·194	− 3	...	...
...	49·140	+ 1·519	− 5	...	...

341–370

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
341					
*	+49·180	−24·208	1·10	43.4998	9·7
...	49·256	−40·537	− 4	...	...
...	49·436	+11·171	0·90	42.4943	10·0
. .	49·854	+ 0·635	− 1	42.4944	10·3
*	50·081	−58·196	1·40	43.4999	9·5
*	+50·443	+15·575	1·20	42.4945	9·6
	50·677	− 5·967	− 3	...	...
S *	51·329	− 9·246	1·80	43.5000	9·0
...	51·405	−45·999	− 5	e	...
*	51·749	+ 8·630	1·30	42.4946	9·6
351					
...	+51·826	−28·957	− 5	e	...
...	52·112	−28·060	− 4	.	...
..	53·245	−38·198	− 1	..	...
...	53·319	−20·387	− 2	...	...
*	53·480	−56·234	1·20	43.5001	9·7
*	+53·702	+51·748	1·90	42.4947	9·0
...	54·149	−17·408	− 1	...	...
...	54·265	+56·876	− 5	...	...
...	54·418	−30·665	− 1	43.5002	10·2
...	55·305	−48·429	− 4	...	...
361					
*	+55·439	+35·667	0·95	42.4948	9·9
...	55·818	+41·280	− 2	...	...
*	55·850	+ 0·861	1·00	42.4949	9·8
.	56·037	+11·393	− 5	...	...
...	56·420	−52·008	− 4	...	...
.	+56·789	+58·183	− 5	41.4982	10·3
	57·930	+38·146	0·95	42.4950	9·9
...	58·125	−58·866	− 5	e	...
...	58·900	+25·135	− 4	...	...
...	59·265	− 2·703	− 3	42.4951	10·3

1–60

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
1					
†	−59·927	−28·570	0·65	43·4997	10·2
†	59·889	+ 0·480	0·95	42.4944	10·3
*	59·806	−24·351	1·10	43.4998	9·7
*	59·735	+15·441	1·20	42.4945	9·6
..	59·535	−13·401	− 5	M	...
..	−59·452	+47·540	− 5	...	...
...	59·267	−40·688	− 3	.	...
...	58·880	− 6·082	0·70	...	...
*	58·232	+ 8·540	1·25	42.4946	9·6
S *	58·119	− 9·346	1·85	43.5000	9·0
11					
*	−57·914	−58·324	1·35	43.4999	9·5
*	57·549	+51·696	2·00	42.4947	9·0
...	57·369	+ 7·220	− 4	...	..
...	57·131	+56·833	− 5	...	.
...	57·037	−29·042	− 5	E	...
..	−56·944	−46·083	− 4	E	...
...	56·919	−16·352	− 2	A	..
...	56·881	+26·382	− 5	M	...
	56·778	−28·117	− 2		
...	56·645	+48·918	− 5	.	..
21					
...	−55·813	−20·417	0·90		
...	55·794	+55·829	− 5		..
...	55·562	−42·722	− 4		...
...	55·555	+17·162	− 3	.	..
...	55·489	+53·174	− 5	.	...
..	−55·388	−27·020	− 5	M	...
...	55·348	−38·222	0·90	...	...
...	55·340	+35·656	1·00	42.4948	9·9
...	55·320	− 1·297	− 4	M	...
...	55·138	+41·283	0·80	..	...
31					
†	−55·057	−17·424	1·00	...	...
...	54·672	+58·230	− 3	41.4982	10·3
*	54·586	−56·260	1·35	43.5001	9·7
...	54·393	−30·657	0·95	43.5002	10·2
...	54·311	+46·629	− 5	...	...
...	−54·066	− 9·657	− 5	M	...
...	54·017	+11·439	− 1	...	...
*	53·901	+ 0·899	1·15	42.4949	9·8
...	52·977	−48·398	− 1	...	...
...	52·949	−14·621	− 4	M	...
41					
*	−52·943	+38·222	1·05	42.4950	9·9
...	52·659	+50·984	− 5	A	...
..	52·618	−24·357	− 5	M	...
..	52·582	−21·004	− 5	M	...
...	52·488	−38·554	− 4	M	...
...	−52·175	+17·733	− 4	..	...
...	51·937	−33·668	− 4	M	..
...	51·774	−51·952	− 3		.
...	51·730	+50·960	− 5	..	...
...	51·561	+25·246	− 3	...	.
51					
...	−51·310	+45·759	− 5	...	...
...	51·250	+56·045	− 5	..	...
...	51·057	+41·028	− 3	...	...
...	50·985	+54·114	− 4	...	...
†	50·439	+44·940	− 3	...	...
...	−50·385	− 2·563	0·90	42.4951	10·3
...	50·192	+32·385	1·00	42.4952	9·9
...	50·111	+ 1·061	− 4	...	...
...	49·845	−58·741	− 4	E	...
...	49·306	+23·388	− 1	...	...

61–120

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
61					
..	−48·944	+40·528	− 5	...	...
...	48·881	−21·194	− 5	M	
...	48·858	+ 2·043	− 5	M	...
..	48·795	+12·709	− 5	M	...
...	48·789	+35·891	− 3	...	...
*	−48·638	+16·877	1·10	42.4953	9·8
.	48·221	− 9·530	− 3	...	...
*	48·135	−20·469	1·20	43.5003	9·8
...	48·088	+38·664	− 3	...	...
*	48·076	+ 0·303	1·00	42.4954	9·9
71					
...	−47·649	+ 2·967	− 4	M	...
...	47·639	−53·970	− 5	M	...
...	47·516	−36·010	1·05	43.5004	10·2
...	47·429	+38·879	− 4	...	...
...	47·309	− 3·591	− 4	M	..
...	−47·220	+50·547	− 5	...	...
.	47·154	−20·402	− 4	M	...
.	47·149	+29·815	1·00	42.4955	10·1
..	47·116	−24·701	− 4	M	...
...	46·909	+27·016	− 3	...	..
81					
...	−46·774	−33·420	1·00	43.5005	10·2
	46·613	−51·303	− 4	M	...
*	46·605	−38·568	1·20	43.5006	9·9
...	46·407	+16·145	− 4	M	...
*	46·378	−39·960	1·40	43.5007	9·5
...	−46·325	+47·301	− 4	...	...
...	46·275	+50·738	1·00	42.4956	10·0
...	46·263	−28·178	− 4	M	...
..	46·210	+15·697	− 4	...	...
...	45·999	−55·549	− 4	M	.
91					
...	−45·826	+47·107	1·00	42.4957	10·3
...	45·823	−41·981	− 5	M	...
...	45·822	+45·585	− 5	M	...
*	45·694	+34·172	1·40	42.4958	9·6
†	45·250	+54·990	− 4	..	...
...	−45·221	−52·253	− 4	...	...
	45·178	−53·691	0·65	43.5009	10·2
...	45·156	−57·958	− 4	M	...
†	45·046	−25·455	− 1	..	...
S *	45·007	+30·476	4·30	42.4959	7·5
101					
*	−44·894	− 9·476	1·30	43.5011	9·7
...	44·853	− 5·576	− 4	M	...
...	44·789	−56·287	− 1	43.5010	10·2
...	44·660	− 5·567	− 3	...	...
...	44·501	−55·507	− 5	M	...
*	−44·483	−46·069	1·60	43.5012	9·5
. .	44·291	− 8·297	− 4	M	...
*	44·103	+23·120	1·05	42.4960	10·0
...	44·090	−48·394	− 4	M	...
...	44·011	+47·005	− 4	...	...
111					
...	−43·985	+33·728	0·90	42.4961	10·2
...	43·964	+53·806	− 3	...	...
...	43·938	− 9·914	− 3	...	...
..	43·853	+47·031	0·65	42.4962	10·3
..	43·701	−33·217	− 4	M	..
...	−43·581	+34·908	− 4	A	...
...	43·232	+29·392	1·05	42.4963	9·9
...	43·170	−25·005	− 5	M	...
...	43·159	+43·188	− 5	M	...
...	43·146	+40·774	0·65	...	...

121–180

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
121					
..	−43·133	−51·205	− 5	M	...
	42·985	−26·716	− 3	...	...
.	42·893	+57·361	1·20	41.4996	9·9
...	42·863	−29·045	− 1	...	...
†	42·813	−34·805	− 5	M	...
*	−42·586	− 7·591	1·80	42.4964	9·2
	42·361	−58·413	0·75	43.5013	10·2
...	42·331	−46·601	− 2	43.5014	10·2
...	42·126	−28·668	− 4	...	...
...	41·942	+30·524	− 4	...	...
131					
...	−41·882	+27·226	− 4	A	...
...	41·610	+18·727	1·10	42.4965	9·9
...	41·493	−17·857	− 1	...	...
S *	41·343	−46·837	2·00	43.5015	8·6
...	41·145	− 0·571	− 4	M	...
...	−41·062	−18·082	0·70	43.5017	10·2
"	41·026	+45·115	0·85	42.4967	10·0
...	40·950	−19·054	− 2	...	...
n	40·814	+45·153	− 1	42.4967	10·0
*	40·652	− 3·571	1·00	42.4966	10·1
141					
..	−40·581	+ 8·485	− 4	...	...
	40·453	−41·049	− 3	...	...
...	40·448	−14·469	− 4	M	...
...	40·443	+24·180	− 3	A	...
†	40·309	+50·058	− 1	...	...
†	−40·059	+52·958	− 3	...	...
...	39·608	−43·378	1·00	43.5018	10·2
*	39·539	−17·734	1·20	43.5019	9·7
...	39·492	+50·057	− 5	M	...
...	39·300	+47·370	− 2	...	...
151					
.	−38·707	−15·035	0·95	...	...
S *	38·612	+48·856	1·75	42.4969	9·3
...	38·427	+16·679	− 5	M	...
*	38·425	− 5·148	1·40	42.4968	9·4
...	38·342	+42·252	− 5	M	...
*	−38·112	+56·299	1·20	41.4998	9·9
...	37·952	+58·228	1·00	41.5000	10·1
.	37·947	− 9·367	0·70	...	...
...	37·888	+22·130	− 5	M	...
.	37·765	−21·423	1·00	43.5021	10·0
161					
...	−37·737	+54·526	− 5	...	...
...	37·660	− 8·346	− 2	...	...
...	37·605	−56·261	− 1	43.5020	10·2
†	37·404	−19·827	− 3	...	...
S *	37·364	+ 9·222	1·70	42.4970	9·2
...	−37·286	−21·886	0·95	43.5022	10·0
...	37·001	+56·803	− 5	...	...
...	36·895	+14·794	− 3	A	...
...	36·882	+41·150	− 5	M	...
*	36·861	−37·259	1·05	43.5023	9·8
171					
...	−36·798	+19·578	0·75	...	...
...	36·651	−26·897	− 5	M	...
...	36·639	+26·978	0·65	...	...
...	36·532	−22·078	− 5	M	...
...	36·448	− 8·969	0·80	...	...
...	−36·214	+29·218	− 5	...	...
...	35·666	+25·656	− 5	...	...
...	35·595	+28·217	− 2	...	...
...	35·573	+50·965	− 2	...	...
*	35·514	+ 1·779	1·20	42.4971	9·8

L measured from 1, 147, 268, 400, 509, 619
MC ,, ,, 59, 214, 332, 454, 565, 709.

137, 139. C.P.D., probably mass.

181–240

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
181					
	−35·414	−27·131	0·90	43·5024	10·2
...	35·302	−51·119	− 5	M	...
..	35·1[illegible]	+27·665	− 3	...	...
..	34·809	−23·017	− 5	M	...
...	34·621	−57·555	− 3	43·5025	10·2
...	−34·592	−39·410	− 5	M	...
...	34·385	+21·060	− 5	M	...
	34·179	−35·232	− 3	A	...
*	33·980	+57·738	1·60	41.5007	9·5
..	33·969	+52·579	0·90	41.5005	10·3
191					
...	−33·90[illegible]	−48·135	− 4	M	...
...	33·634	+31·348	0·75	...	...
..	33·3[illegible]	−54·370	− 5	M	...
...	33·372	+ 6·296	− 1	...	...
...	33·336	−47·995	− 4	M	..
...	−33·166	−56·645	− 3	...	...
.	32·652	−25·210	− 4	M	...
...	32·322	−12·884	− 5	M	..
.	32·280	+58·639	− 5	...	...
*	32·2[illegible]	+10·310	1·00	42.4972	10·0
201					
..	−32·169	+56·080	0·95	41.5010	10·3
...	32·054	− 0·679	− 4	M	.
.	32·013	−20·575	− 5	M	...
..	31·840	− 5·842	− 5	M	...
...	31·705	+21·073	− 5	M	...
†	−31·673	+ 0·182	− 3	A	.
...	31·479	−12·747	− 5	M	...
...	31·061	+21·797	− 3	...	.
*	30·820	−38·512	1·50	43.5026	9·5
...	30·651	+42·717	− 5	...	...
211					
...	−30·464	−21·284	− 5	M	...
...	30·402	− 1·269	− 4	M	...
...	30·310	−36·486	− 5	M	...
†	30·002	+19·718	− 3	...	...
...	29·693	−34·164	− 2	...	...
...	−29·427	−37·260	− 4	M	...
.	29·221	−44·655	0·80	43.5027	10·4
...	29·086	−33·951	− 5	M	...
...	29·053	−36·291	− 4	M	...
†	29·039	+29·962	0·65	...	...
221					
..	−29·030	+58·587	1·00	41.5014	10·1
.	28·931	+29·124	− 1	...	...
..	28·825	−13·255	− 2		..
...	28·707	+37·[illegible]	− 1	42.4973	10·3
...	28·262	+27·669	− 5	M	
...	−27·820	−49·337	− 5	M	..
..	27·497	−18·844	− 2	..	..
	27·271	−39·065	− 5	M	.
...	27·083	−10·40[illegible]	− 4	M	
	26·989	− 3·134	− 4	M	
231					
	−26·815	+50·211	− 2	..	...
*	26·640	+4[illegible]·852	1·05	42.49[illegible]4	10·2
	26·160	−44·379	0·65	43.5028	10·4
†	26·035	− 5[illegible]·54	− 5	M	..
.	25·[illegible]0	+57·845	− 3	...	...
*	−25·386	−43·324	1·05	43.5029	10·2
	25·311	+11·553	− 4	M	
.	25·308	− 3·311	− 1	...	...
	25·240	+30·708	− 5	M	
..	25·181	+35·829	0·65	.	

241–300

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
241					
†	−24·986	+53·579	− 5	M	...
*	24·881	−33·509	1·15	43.5030	9·9
...	24·673	−45·805	− 5	M	...
*	24·625	−14·656	1·90	43.5031	8·9
...	24·448	−29·352	− 3	...	...
...	−24·407	+54·762	− 3	...	...
...	24·166	+12·243	− 2	...	...
*	23·929	−24·997	1·00	43.5033	10·0
...	23·834	−18·148	0·95	43.5034	10·0
*	23·757	−17·822	1·10	43.5035	10·0
251					
...	−23·722	−27·001	− 3	...	...
†	23·656	+45·051	0·65	...	...
*	23·484	−39·986	1·15	43.5036	10·0
...	23·021	+50·878	− 2	...	...
...	22·678	+43·039	− 4	...	...
...	−22·623	+21·783	0·70	42.4975	10·3
...	22·578	+11·788	− 5	M	...
.	22·512	−36·194	− 5	M	...
...	22·457	+10·683	− 4	...	...
..	22·372	+40·470	− 4	M	...
261					
*	−21·995	−23·075	1·70	43.5037	9·3
...	21·806	+25·614	− 4	...	...
...	21·620	−37·069	− 5	M	...
..	21·564	− 2·286	− 4	M	...
...	20·887	+21·793	− 2	...	...
...	−20·875	− 9·355	− 5	M	..
†	20·552	−49·680	− 5	M	...
...	19·993	−11·920	− 5	M	...
...	19·921	−30·462	− 4	...	..
...	19·826	− 8·369	− 5	...	...
271					
...	−19·767	+45·863	− 5	...	..
...	19·603	− 6·533	− 5	M	...
..	19·529	+41·492	0·75	...	...
...	19·471	+45·864	− 2	...	...
...	19·344	−51·056	− 2	A	...
*	−19·254	−36·724	1·00	43.5039	10·2
...	18·961	+ 9·619	− 5	...	...
...	18·649	− 7·288	1·00	42.4976	10·1
...	18·501	+46·[illegible]	1·00	42.4977	10·1
...	17·889	+25·833	− 5	M	...
281					
.	−17·842	+25·900	− 5	M	..
..	17·760	−35·960	− 5	M	
...	17·584	−25·888	− 5	M	..
...	17·3[illegible]	+33·92[illegible]	0·70	42.4978	10·3
.	17·239	−36·896	− 2	...	...
..	−17·226	−17·725	− 5	M	...
*	17·027	−59·561	1·35	43.5040	9·8
	16·936	−30·012	− 4	M	...
	16·790	−44·230	− 1	...	...
	16·638	+18·263	− 5	M	
291					
..	−16·6[illegible]	−58·077	− 4	..	..
.	16·23[illegible]	+17·518	− 4	...	...
	16·213	−54·243	0·80	..	...
	16·[illegible]8	−45·264	− 5	M	.
...	16·031	−13·114	0·90	43.5041	10·4
..	−15·9[illegible]	+15·662	1·0[illegible]	42.4979	10·0
...	15·931	− 8·369	1·05	43.5042	10·2
	15·[illegible]30	−26·796	− 5	M	...
...	15·506	+[illegible]·64	− 2	...	...
.	15·475	−12·478	0·90	43.5043	10·4

301–360

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
301					
...	−14·572	−12·615	− 5	M	...
.	14·307	+ 9·183	− 4	..	...
*	14·042	+ 4·427	1·20	42.4980	9·7
..	13·987	− 3·656	− 1	...	...
..	13·843	−39·244	0·90	43.5044	10·4
..	−13·800	−17·155	− 2	...	...
...	13·527	+54·801	− 5	...	...
*	13·430	+58·069	1·05	41.5035	9·8
...	13·266	+56·907	− 3	...	...
...	13·250	−20·533	− 4	M	...
311					
...	−13·020	− 6·443	− 3	A	..
...	12·973	+ 8·377	− 4	...	...
*	12·756	−32·984	1·00	43.5047	10·0
...	12·548	−16·629	− 2	...	...
...	12·271	− 4·678	− 4	...	...
...	−12·025	+16·676	− 3	...	..
...	11·989	+15·432	− 5	M	...
†	11·803	−34·850	− 5	M	..
*	11·733	+35·476	1·20	42.4981	9·4
...	10·780	−56·074	− 5	...	...
321					
...	−10·733	+31·780	− 5	...	.
..	10·692	+22·095	− 4	..	..
...	10·558	−23·714	0·70	...	...
...	10·476	− 0·403	− 4	M	
...	10·456	+35·425	− 4	...	...
*	−10·456	−25·440	1·00	43.5049	10·0
...	10·421	−11·542	− 3	...	...
...	10·297	+42·878	− 5	M	...
..	10·200	−13·720	0·65	...	...
..	10·190	+35·908	− 5	M	.
331					
†	−10·186	−58·092	− 3	...	..
...	9·908	−30·597	− 4	...	..
...	9·745	+56·818	− 5	M	...
...	9·596	−49·258	0·75	43.5050	10·4
...	9·518	−55·253	1·05	43.5051	10·0
...	− 9·469	+19·039	− 4	...	...
...	9·346	+51·831	0·65	42.4982	10·3
S *	9·129	−25·486	1·75	43.5052	9·3
...	9·079	−57·638	− 5	M	..
...	9·056	−30·791	− 4	M	...
341					
...	− 8·984	+32·497	− 4	...	.
..	8·885	−55·690	− 5	M	...
...	8·509	− 8·787	0·70	43.5053	10·4
	8·423	−37·184	− 4	...	...
	8·372	−45·093	− 5	M	...
	− 8·231	−37·014	1·20	43.5054	9·9
...	8·110	+18·262	− 5	...	...
...	7·075	−37·535	0·85	43.5055	10·4
...	6·956	−45·046	0·65	...	...
...	6·698	+47·650	− 1	42.4983	10·3
351					
†	− 6·648	−54·755	− 5	...	.
..	6·631	− 9·454	− 5	M	..
	6·627	+29·783	− 4	...	.
..	6·515	− 8·863	− 4	M	
...	6·387	−40·102	− 5	M	...
..	− 6·341	+18·322	1·10	42.4984	10·1
*	5·956	− 6·636	1·20	42.4985	10·0
*	5·758	+46·365	1·70	42.4986	9·2
.	5·579	+44·160	0·65	42.4987	10·3
...	5·312	+58·740	− 5	M	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
	361–420				
361					
...	− 5·279	− 2·528	− 4	M *m*	...
†	5·208	+19·289	− 2	...	...
‡	5·200	−59·540	1·30	43.5057	9·8
†	5·183	+48·761	0·90	42.4988	10·3
...	4·542	+33·057	− 4	*m*	..
..	−4·533	−39·370	− 5	M *m*	...
..	4·511	− 2·955	− 1	*m*	...
...	4·364	−49·200	0·70	...	...
...	4·306	+39·602	− 2	*m*	...
*	4·202	+52·501	2·05	41.5042	8·6
371					
...	− 4·069	−25·165	− 4	M *m*	...
...	4·051	−10·152	− 4	M *m*	...
...	3·675	+14·925	− 5	M *m*	...
..	3·646	+21·330	− 5	*m*	...
...	3·587	− 9·099	− 3	*m*	...
S *	− 3·552	+59·182	2·10	41.5044	8·4
...	3·535	− 8·205	− 4	M *m*	...
..	3·454	+28·308	0·90	42.4989	10·3
..	3·389	−42·408	− 3	*m*	..
...	3·366	−33·819	− 4	M *m*	...
381					
...	− 3·323	−34·984	− 5	M *m*	...
..	3·191	+57·198	− 3	*m*	...
...	2·702	+56·511	− 4	...	...
.	2·575	−53·663	1·10	43.5058	10·0
†	2·432	−44·782	0·95	43.5059	10·3
...	− 2·363	−12·363	− 3	*m*	...
*	2·300	+24·156	1·80	42.4990	9·4
...	2·138	+29·809	− 5	M *m*	...
..	1·936	+32·261	− 2	...	...
...	1·925	−57·485	− 3	*m*	...
391					
S *	− 1·841	+24·234	2·95	42.4991	8·6
..	1·234	+14·738	− 5	M *m*	...
...	1·181	−12·725	− 2	*m*	...
...	0·983	+31·327	− 5	M *m*	...
..	0·881	+31·618	− 1	...	...
..	− 0·661	−20·466	− 3	A *m*	...
...	0·402	+41·800	− 5	M *m*	...
...	0·397	−28·875	− 4	M *m*	...
...	− 0·327	+42·369	− 4	*m*	...
*	+ 0·142	+ 2·055	3·10	42.4992	8·1
401					
...	+ 0·165	−20·945	− 2	*m*	...
...	0·234	+13·393	1·00	42.4993	10·5
...	0·238	−11·463	− 5	M *m*	...
...	0·323	+53·419	− 4	M *m*	..
...	0·378	−11·211	− 4	M *m*	...
...	+ 0·393	+ 4·443	− 5	M *m*	...
...	0·465	−52·732	1·00	43.5060	10·4
...	0·603	−48·801	1·00	43.5061	10·4
...	0·648	−10·998	− 5	M *m*	...
...	0·697	+25·853	− 2	...	...
411					
*	+ 0·853	− 1·291	1·20	42.4994	10·0
...	0·877	−10·388	− 3	*m*	...
...	1·043	+51·398	− 3	...	...
...	1·192	+44·451	− 2	...	...
...	1·264	−24·286	− 3	A *m*	...
...	+ 1·543	−48·282	− 3	*m*	...
...	1·563	−57·138	− 2	*m*	...
*	2·094	+18·180	1·20	42.4995	9·8
*	2·166	+37·555	1·00	42.4996	10·4
...	2·325	−52·869	− 5	M *m*	...
	421–480				
421					
...	+ 2·361	+50·820	− 5	M *m*	..
...	2·772	+40·705	0·70	...	...
..	3·410	− 4·601	− 4	M *m*	...
..	3·532	−55·480	− 3	*m*	..
..	4·065	+38·161	− 5	M *m*	...
...	+ 4·240	+16·524	0·95	42.4997	10·2
...	4·407	+ 0·210	− 3	*β m*	...
†	4·797	− 2·934	− 1	B *m*	...
S ‡	4·848	−16·257	5·20	43.5062	6·8
*	5·074	− 2·440	1·20	42.4998	9·8
431					
...	+ 5·578	−44·857	0·90	43.5063	10·4
...	6·178	+18·789	− 3	...	...
..	6·355	−54·349	− 5	*m*	...
...	6·561	+19·186	− 5	*m*	..
...	6·739	−18·399	0·90	43.5064	10·4
*	+ 6·817	− 3·613	1·80	42.4999	9·8
..	6·825	−27·116	0·80	43.5065	10·4
*	6·993	+ 8·817	3·55	42.5000	8·0
...	7·188	+48·949	− 5	*m*	...
...	7·466	+42 989	− 3	*m*	...
441					
*	+ 7·545	+46·864	1·10	42.5001	9·8
...	7·642	+49·471	0·95	42.5002	10·5
S *	7·684	+17·112	3·55	42.5003	8·0
...	7·776	+51 548	− 5	*m*	...
...	7·951	−33·153	0·90	43.5066	10·4
...	+ 8·039	−48·387	1·00	43.5067	10·3
...	8·323	−10·603	− 4	*m*	...
*	8·488	+25·869	1·20	42.5004	9·8
...	9·097	−41·407	− 5	*m*	...
...	9·136	+ 1·740	0·65	...	...
451					
...	+ 9·223	−55·382	− 3	*b*	.
...	9·245	−34·216	0·90	...	...
*	9·627	−44·271	1·90	43.5068	9·0
...	10·247	+23·955	− 1	...	...
*	10·596	−38·595	1·90	43.5069	8·9
N	+10·606	+57·211	− 2	*a*	...
..	10·718	−57·512	− 3	*b*	...
..	10·897	−30·500	− 4	*m*	...
...	11·092	+57·257	− 4	..	..
...	11·181	+17·478	0·65	...	..
461					
...	+11·322	+36·676	− 3	...	..
...	11·441	+49·001	− 3	...	...
...	11·770	+28·010	1·05	42.5005	10·2
...	12·121	+ 7·880	− 4	*m*	...
...	12·182	+52·370	− 4	*m*	...
...	+12·329	−23·336	0·90	43.5070	10·4
...	12·543	−26·417	− 3	*m*	...
...	12·798	+ 4·013	− 5	*m*	...
...	12·967	+48·242	− 5	*m*	...
...	12·976	−21·507	− 5	*m*	...
471					
...	+13·181	+54·429	− 1	...	...
*	13·813	+37·430	1·40	42.5006	9·8
...	13·857	−52·757	− 5	*m*	..
...	13·880	− 5·575	− 5	*m*	.
...	13·963	−45·371	− 3	*b*	.
...	+14·403	− 5·615	− 4	*m*	...
...	14·497	−54·654	− 4	*m*	...
*	14·637	+ 3·380	1·60	42.5007	9·6
†	14·884	+22·983	− 4	*m*	...
...	15·030	+19·616	1·00	...	...
	481–540				
481					
.	+15·169	−50·372	− 3	*b*	...
...	15·205	+57·695	− 4	*m*	...
...	15·588	+ 4·377	− 2	...	...
...	15·728	+48·197	1·00	42.5008	10·6
...	15·914	−32·287	1·10	43.5073	10·2
...	+16·168	+14·148	1·00	42.5009	10·5
...	16·296	+52·864	− 3	...	...
...	16·588	+ 2·862	− 2	...	...
...	16·623	−36·753	− 4	*m*	...
...	16·685	+44·397	0·95	42.5010	10·6
491					
...	+17·204	+42·439	− 3	*a*	...
...	17·648	+26·681	0·95	42.5011	10·6
...	17·717	−38·438	− 4	*m*	...
..	17·770	−39·871	− 4	*m*	...
..	17·774	−48·710	0·85	43.5075	10·4
..	+17·807	−57·069	− 3	*b*	...
...	17·836	+ 0·827	− 1	...	...
‡	18·020	−49·675	1·60	43.5076	9·2
...	18·023	−41·823	− 2	*b*	.
...	18·031	−42·913	− 2	*b*	...
501					
...	+18·131	− 7·398	− 5	*m*	...
*	18·415	+50·491	1·20	42.5012	10·2
...	18·540	−38·114	− 3	*m*	...
...	19·091	+ 4·956	− 3	*m*	...
...	19·121	+21·084	− 4	...	...
...	+19·270	+36·206	− 2	...	...
...	19·343	+42·821	− 4	*m*	...
...	19·634	−23·373	− 3	*m*	...
..	20·198	+31·925	0·70	...	...
...	20·860	+59·577	− 5	*m*	...
511					
...	+20 874	+43·519	− 4	*m*	...
.	20·917	−31·648	− 5	*m*	...
..	21·061	+11·537	− 5	*m*	...
‡	21·101	− 7·877	1·10	42.5013	10·0
...	21·181	+56·326	1·00	41.5065	10·4
...	+21·560	+47·410	− 5	*m*	...
...	21·578	+ 6·362	− 2	...	...
..	21·752	+56·508	1·00	41.5066	10·4
..	21·887	−17·883	− 5	*m*	..
...	22·170	+ 4·706	− 4	*m*	...
521					
...	+22·183	+12·234	− 5	*m*	.
...	22·511	−46·284	0·65	*b*	...
...	22·643	+59·070	− 1	...	...
...	22·743	+ 5·540	− 4	*m*	...
...	22·885	+13·752	− 5	*m*	...
†	+23·370	−59·685	− 1	43.5078	10·4
...	23·487	+45·096	− 4	*m*	...
...	23·639	+41·432	− 5	*m*	...
*	23·864	−15·010	1·00	43.5079	9·9
...	23·992	−31·753	− 5	*m*	..
531					
...	+24·289	−49·520	1·00	43.5081	10·0
...	24·323	+29·507	0·80	.	...
..	24·414	+27·575	− 5	...	...
...	24·604	+50·754	− 5	*m*	...
*	24·954	+40·914	1·00	42.5015	10·2
*	+25·135	+50·223	1·20	42.5014	9·9
...	25·607	+36·450	0·65	...	...
...	25·914	− 0·421	− 5	*m*	...
*	25·996	−10·872	2·10	43.5082	8·8
...	26·056	+35·635	− 4	*m*	...

456. 42°·67, obscured by filament.

541–600

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
541					
	+26·228	−52·760	− 5	m	.
	29·5[illegible]	+51·190	− 4	...	.
...	26·546	+24·747	0 65	...	
.	26·563	+52·813	− 5	m	..
	26·802	+21·800	0·95	42.5016	10·6
	+26·831	−21·358	0·95	43·5083	10·2
	26·916	−49·160	− 5	m	...
	27·307	−36·232	0·90	43.5084	10·4
*	27·309	+57·312	1·10	41.5068	9·8
..	27·360	−54·561	− 3	b	.
551					
...	27·362	+13·6[illegible]	− 3	...	...
...	27·408	−4[illegible]	− 5	m	
..	27·736	−44·923	− 1	b	..
..	27·942	− 6·971	− 5	m	.
*	28·096	+ 8·829	1·05	42.5018	10·0
*	+28·106	+29·288	2·10	42.5017	8·6
...	28·194	−42·516	− 5	m	...
	28·379	−24·207	− 4	m	...
*	28·396	−38·215	1·10	43.5085	9·9
	28·927	−19·672	− 3	m	...
561					
*	+28·951	+34·330	0·95	42.5019	10·4
.	29·214	+ 8·364	− 4	...	.
...	29·258	+37·463	− 5	m	.
†	29·775	+46·089	− 4	...	...
...	29·929	+25·558	− 5	m	...
*	+29·956	+43·908	2·10	42.5020	8·7
.	30·066	−41·496	− 4	m	...
...	30·253	−26·673	− 5	m	...
†	30·518	+39·924	− 5	m	...
*	30·677	−2[illegible]·316	2·15	43.5087	8·7
571					
.	+30·723	− 4·702	− 3	m	...
...	30·729	+37·845	0·80	...	...
	30·802	−55·135	0·90	43.5088	10·4
...	31·024	+10·833	− 4	...	...
...	31·163	−54·655	− 4	m	...
	+31·310	+25·545	− 2	...	...
..	31·507	−44·413	0·85	43.5089	10·4
...	31·591	+31·978	0·75	42.5021	10·6
	31·634	−14·765	− 5	m	.
...	31·755	−38·706	− 3	b	
581					
...	+31·796	+46·308	0·80	...	
...	31·947	−19·516	− 3	m	...
...	31·986	−31·224	− 5	m	
*	32·082	+16·344	1·10	42.5022	10·2
	32·101	−25·[illegible]	− 5		...
*	+32·183	−54·001	1·1	43.5090	10·0
	32·294	+54·793	− 5	m	...
...	32·596	+30·100	− 5		.
...	32·628	−56·012	0·75	...	
	32·761	−26·427	− 5	m	
591					
	+32·[illegible]	−38·588	− 5	m	
*	32·885	+22·009	1·05	42.5023	10·0
	33·038	−37·283	1·05	43.5091	10·0
	33·119	−31·460	1	m	...
...	33·159	−49·462	− 4	m	...
...	+33·209	−32·640	− 5	m	
...	33·31[illegible]	−38·164	0·70	43.5092	10·4
...	33·41[illegible]	−31·833	0·80	43.5093	10·4
.	33·866	−35·161	− 5	m	
...	33·[illegible]	+17·749	− 2	...	...

601–660

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
601					
...	+34·148	−48·126	− 3	b	...
*	34·195	+ 7·461	1·15	42.5024	9·9
...	34·249	+59·396	− 4	...	...
...	34·399	−35·236	0·70	..	...
...	34·522	+18·642	− 3	...	...
†	+34·677	+32·305	0·80	.	...
	34·680	+49·417	− 3	..	...
†	34·817	+ 8·172	− 4	m	...
	34·964	+32·764	− 5	m	...
*	35·029	−10·988	2·00	43.5094	8·6
611					
..	+35·060	−34·359	0·80	43.5095	10·4
..	35·392	+ 4·482	− 4	m	...
..	35·517	+53·398	− 3	a	...
*	35·745	− 3·326	1·25	42.5025	10·0
	35·988	+23·531	− 3	...	...
.	+35·988	−15·030	− 4	m	..
...	36·107	+39·704	− 2	...	...
S *	36·143	−52·305	2·00	43.5097	8·7
.	36·263	+22·361	0·90	42.5027	10·6
...	36·327	+16·158	1·00	42.5028	10·3
621					
*	+36·386	−30·690	1·30	43.5098	9·6
.	36·542	+50·989	0·95	42.5026	10·6
..	36·706	−48·287	− 5	m	...
..	36·743	−36·584	− 4	m	...
...	36·949	+25·796	− 4	m	...
S *	+36·952	− 42·756	2·30	42.5029	8·4
..	37·080	+ 7·829	0·80	...	...
.	37·105	+12·413	− 3	...	..
.	37·168	−34·917	− 4	m	...
...	37·176	− 1·015	− 3	..	...
631					
S ‡	+37·814	+ 0·225	2·00	42.5030	8·6
..	37·865	+16·805	0·75	..	...
...	38·012	−55·343	0·85	43.5099	10·0
..	38·172	− 6·715	− 4	m	...
..	38·191	+55·386	− 4	..	...
	+38·298	−19·303	− 5	m	...
.	38·505	−36·298	1·15	43.5100	9·8
.	38·523	+ 5·437	− 3	m	...
.	38·568	+14·9[illegible]	− 4	m	...
.	38·786	− 9·[illegible]59	− 4	m	...
641					
	+38·880	+45·660	− 2	...	...
*	38·975	50·69[illegible]	1·30	43.5101	9·8
	39·473	+42·189	− 4	m	.
..	39·531	+46·722	− 5	m	..
	39·563	+44·856	− 2		
	+39·862	− 5·531	− 5	m	...
	40·005	+42·427	− 2	...	
...	40·022	+15·3[illegible]	0·85	...	..
	40·109	−14·790	− 3	m	..
	40·172	+49·54[illegible]	− 2	...	...
651					
	+40·917	+32·638	− 5		
	40·983	+12·824	− 4		.
	41·017	+38·1[illegible]	0·80		
	41·303	+50·[illegible]	− 1		
...	41·395	+24·125	− 5	m	
..	+41·594	− 13·[illegible]91	− 4	m	..
	41·650	+ 7·[illegible]87	− 4	m	...
...	41·874	−41·019	1·00	43.5103	9·9
	41·878	−44·077	− 5	m	...
	41·963	+29·831	− 4	..	...

661–720

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
661					
†	+41·979	+35·074	0·95	...	...
*	42·358	+37·264	1·25	42.5031	9·8
..	42·511	+ 6·834	0·70	...	...
*	42·565	+55·278	1·30	41.5081	10·2
...	42·832	+35·556	− 4	...	...
...	+42·934	− 5·844	0·90	42.5033	10·5
*	43·127	+30·678	2·10	42.5032	8·6
*	43·305	−30·282	1·00	43.5104	10·2
...	43·658	−21·728	− 2	b	...
...	43·797	+20·162	0·90	42.5034	10·6
671					
	+44·029	+41·161	− 1	...	..
...	44·202	−45·908	1·00	43.5105	10·2
†	44·723	−49·402	− 5	m	...
...	44·914	−57·094	− 4	43.5106	10·4
.	44·936	+ 7·949	0·95	42.5036	10·5
*	+45·116	+35·909	1·10	42.5035	9·9
*	45·158	−57·593	2·00	43.5107	9·4
...	45·672	−40·763	− 5	m	...
*	45·696	+45·911	1·20	42.5037	9·9
...	46·254	−55·233	− 4	...	...
681					
...	+46·279	−18·740	− 1	a	...
	46·610	−25·549	− 1	b	...
...	46·685	+17·036	1·00	42.5038	10·5
...	46·686	−24·357	0·90	43.5108	10·4
..	46·831	+47·967	− 1	...	...
...	+46·922	−32·143	1·00	43.5110	10·2
*	46·959	+32·812	1·00	42.5039	10·0
...	46·977	−19·528	0·95	43.5109	10·3
...	46·981	+46·825	− 3	..	.
...	46·994	−51·690	− 3	b	...
691					
...	+47·238	+37·993	− 1	...	...
...	47·402	+27·520	− 3	m	...
n ‡	47·407	− 9·935	1·05	43.5111	9·6
...	47·527	+12·434	0·70	...	...
n †	47·538	− 9·827	0·90	43.5111	9·6
...	+47·697	+13·772	0·95	42.5040	10·6
*	47·934	− 1·009	1·20	42.5041	9·8
.	48·087	−53·898	− 3	43.5112	10·4
...	48·308	−15·304	− 1	b	...
...	48·400	−53·361	− 5		...
701					
..	+48·459	−54·317	− 1	43.5113	10·4
...	48·523	+51·707	− 3	m	...
...	48·[illegible]96	−36·165	− 3		...
*	48·914	+36·928	1·15	42.5042	9·9
...	49·013	+29·533	0·90	...	..
	+49·072	+44·609	− 5	..	...
	49·082	−43·200	− 2	e	..
..	49·230	+53·786	− 5	m	...
†	49·776	−41·220	− 5	m	...
	49·822	+43·672	1·10	42.5043	10·2
711					
*	+50·045	−43·821	1·30	43.5114	9·8
...	50·101	+22·766	− 5	m	...
†	50·173	−59·673	− 1	43.5115	10·4
	50·47[illegible]	+19·209	− 1	...	..
.	50·498	+35·957	− 5	m	...
...	+50·664	−45·13[illegible]	− 3		...
*	50·670	+16·880	1·30	42.5044	9·8
...	50·738	−10·761	− 4	m	...
*	50·832	−22 946	1·20	43.5116	9·7
..	50·857	−25 402	− 2	...	...

693, 695. C.P.D., probably mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
721–740					
721					
...	+51·283	+36·089	− 5	*m*	
†	51·386	+15·115	− 4	...	
...	51·411	+ 2·021	− 2	...	
.	51·677	−20·632	− 4	*m*	...
†	52·197	−39·802	1·00	43.5119	10·0
...	+52·283	−29·915	0·85	43.5118	10·4
...	52·331	+ 6·372	0·65	...	...
...	52·386	−47·810	− 2	43.5120	10·4
...	52·540	+ 2·393	− 1	...	...
*	52·593	−11·645	1·20	43.5117	9·9
731					
..	+52·598	−46·345	− 3	*e*	...
S *	53·245	+51·318	3·00	42.5045	7·8
...	53·400	+24·667	− 5	*m*	
..	53·589	−19·670	− 4	*e*	...
.	53·598	+ 4·477	− 4	*e*	..
..	+53·733	−42·365	− 3	*e*	...
S *	53·864	+26·457	1·45	42.5046	9·3
*	53·901	−36·866	1·10	43.5123	9·8
...	53·928	− 4·196	− 4	*m*	...
..	54·014	−19·660	0·90	43.5121	10·4
741–760					
741					
..	+54·087	+24·586	− 4	*m*	...
...	54·331	− 8·929	0·85	43.5122	10·4
S	54·522	−39·377	1·50	43.5125	9·4
*	54·913	+17·523	0·95	42.5047	10·4
	55·074	−37·039	− 4	*e*	...
.	+55·146	+52·001	− 1	...	...
...	55·303	−24·143	− 4	*e*	...
...	55·316	−11·133	0·85	43.5126	10·4
...	55·735	−22·046	0·95	43.5127	10·4
...	55·768	+ 6·590	− 4	*m*	...
751					
..	+56·017	+23·973	− 4	.	..
	56·136	+ 6·[illegible]3	− 5	*m*	
..	56·386	+33·410	− 3	..	
	56·508	−17·423	− 5	*m*	..
.	56·594	− 9·066	1·00	43.5129	10·4
..	+56·680	+56·605	− 2	41.5092	10·6
†	56·869	−49·[illegible]3	− 4	*e*	...
*	57·221	−59·084	1·40	43.5132	9·8
..	57·287	−15·[illegible]0	0·90	43.5130	10·4
.	57·422	−15·266	− 4	*m*	...
761–776					
761					
.	+57·667	+47·635	− 5	*m*	...
	57·797	+26·757	− 3	...	...
..	57·920	+13·581	− 4	*m*	...
..	58·138	+25·636	0·90	42.5048	10·4
...	58·154	−17·381	0·65	43.5133	10·4
...	+58·178	−33·296	− 3	*e*	...
...	58·276	−14·478	− 5	*m*	...
...	58·552	−16·182	− 5	*m*	...
...	58·836	−51·787	1·10	43.5134	10·0
.	59·103	−37·625	− 1	...	...
771					
.	+59·194	−26·346	− 2	*e*	...
.	59·196	− 4·378	− 3	*e*	
...	59·218	+ 6·337	− 4	..	...
..	59·329	−10·212	− 4	*m*	..
...	59·381	−22·710	0·95	43.5135	10·4
...	+59·571	− 51·078	− 5	*m*	...

1–30					
1					
†	−60·067	−54·091	− 3	43.5112	10·4
...	59·876	−36·326	− 5	E	...
...	59·843	+19·069	0·70	...	...
...	59·758	−53·532	− 5	E	...
...	59·665	−54·489	− 2	43.5113	10·4
*	−59·577	+16·752	1·30	42.5044	9·8
.	59·522	−19·226	− 5	M	
...	59·377	−43·362	− 3	E	
...	58·815	+14·993	− 4	...	
...	58·393	+ 1·915	− 1	...	...
11					
*	−58·391	−43·945	1·40	43.5114	9·8
*	58·230	−23·064	1·25	43.5116	9·7
...	58·142	−25·516	− 2	..	...
S *	58·002	+51·238	3·10	42.5045	7·8
...	57·784	−59·793	− 1	43.5115	10·4
...	−57·731	−45·243	− 4	E	...
..	57·603	+ 6·287	0·90	...	...
...	57·278	+ 2·322	− 1	...	...
*	56·794	−11·704	1·05	43.5117	9·9
S *	56·658	+26·409	1·50	42.5046	9·3
21					
†	−56·566	−29·960	0·90	43.5118	10·4
†	56·365	−39·866	1·00	43.5119	10·0
...	56·275	+ 4·441	− 5	E	...
...	56·149	+51·980	− 1	...	...
...	55·937	−47·861	− 1	43.5120	10·4
...	−55·767	−46·393	− 3	E	...
...	55·577	−19·701	− 5	E	...
...	55·359	+17·509	1·00	42.5047	10·4
†	55·164	− 8·943	0·90	43.5122	10·4
†	55·153	−19·678	0·95	43.5121	10·4
31–60					
31					
...	−54·757	+56·624	− 1	41.5092	10·6
...	54·753	−42·387	− 1	E	...
*	54·744	−36·882	1·10	43.5123	9·8
...	54·360	+33·440	− 4	...	...
.	54·097	−11·127	0·90	43.5126	10·4
S *	−54·050	−39·367	1·65	43.5125	9·4
...	53·735	−24·123	− 5	E	...
...	53·581	−37·020	− 5	E	...
*	53·349	−22·010	1·00	43.5127	10·4
...	52·872	− 9·016	1·00	43.5129	10·4
41					
.	−52·748	+26·829	− 4	...	...
.	52·371	+25·712	1·00	42.5048	10·4
...	51·984	−15·825	0·95	43.5130	10·4
...	51·397	−49·597	− 5	E	...
...	51·075	−17·276	0·70	43.5133	10·4
*	−50·760	−58·992	1·50	43.5132	9·8
...	50·716	+ 6·455	− 5	...	...
...	50·596	−33·193	− 4	E	...
...	50·425	− 4·251	− 5	E	...
...	49·923	+57·109	0·80	41.5095	10·6
51					
...	−49·786	+26·472	− 4	...	...
...	49·773	−26·211	− 3	E	...
*	49·699	− 4·687	1·20	42.5049	10·0
...	49·698	−22·566	0·90	43.5135	10·4
†	49·679	− 9·995	0·75	43.5136	10·4
...	−49·614	+19·443	0·95	42.5050	10·6
...	49·547	−37·480	0·75	...	...
..	49·402	+24·594	− 5	M	..
*	49·386	−51·640	1·25	43.5134	10·0
...	49·327	−12·539	0·90	43.5137	10·4
61–90					
61					
*	−49·320	+17·443	1·20	42.5051	10·0
...	49·024	−19·714	− 2	E	...
...	49·023	+41·055	− 5	M	...
..	48·943	+24·281	0·95	42.5052	10·4
...	48·836	+54·997	− 3	...	...
...	−48·774	+52·989	0·65	...	...
...	48·537	−17·301	− 4	M	...
...	48·534	− 8·303	− 5	M	...
...	47·591	+28·337	− 4	M	...
†	47·339	−49·869	− 3	A	...
71					
α *	−47·210	− 0·500	3·60	42.5053	8·0
...	47·153	+56·346	1·15	41.5099	10·2
..	46·906	+36·999	0·75	...	...
...	46·835	+29·991	− 5	M	..
...	46·594	+ 9·534	0·70	...	...
..	−46·497	+44·954	− 2	...	...
.	46·427	+58·864	0·95	41.5100	10·4
...	45·979	+40·316	1·05	42.5054	10·4
†	45·221	+ 9·836	1·20	42.5055	9·9
*	45·059	−39·680	1·20	43.5138	10·0
81					
...	−45·043	+23·929	0·70	...	...
.	44·689	−19·747	3	M	...
.	44·606	+28·901	− 5	M	.
...	44·492	+18·405	− 2	...	.
.	44·081	+36·240	− 2	...	..
..	−43·849	−42·148	− 5	M	.
*	43·688	+17·397	1·30	42.5056	9·5
..	43·588	+ 5·584	− 3	...	...
S	43·445	+24·975	3·20	42.5057	7·8
...	43·427	+ 0·540	− 5	M	...

L measured from 1, 105, 165, 284, 373, 475.
C ,, 50, 158, 248, 320, 426, 521.

91–150

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
91					
...	−43·337	+19·802	− 3	...	...
	43·211	−58·780	− 2	A	..
	43·097	+55·344	− 2	...	...
*	42·794	− 6·058	1·15	42.5058	10·2
...	42·790	+27·257	1·00	42.5059	10·3
...	−42·703	+17·030	− 3	...	...
	42·441	−22·040	0·90	43.5140	10·4
*	41·702	+28·717	2·10	42.5060	8·9
...	41·213	+43·710	1·05	42.5061	10·2
...	41·211	−17·859	− 3	M	...
101					
...	−41·174	+51·993	− 5	...	...
...	40·533	−57·436	− 5	M	.
...	40·483	− 9·733	− 5	M	...
...	40·429	+28·172	− 3	...	...
*	39·916	−21·641	1·05	43.5141	9·8
*	−39·778	−32·809	1·50	43.5142	9·5
*	39·395	+33·525	1·00	42.5062	9·8
...	39·058	+30·261	− 5	...	.
...	38·398	−16·989	− 5	M	.
.	38·398	−32·692	0·90	...	
111					
...	−38·363	+ 0·061	− 4	M	.
...	38·242	+51·857	0·80	...	..
*	37·972	−40·103	1·00	43.5143	10·0
...	37·972	−42·790	− 4	M	...
...	37·946	+26·306	0·70	...	...
	−37·765	−50·627	1·00	43.5144	10·2
...	37·718	−32·359	− 4	M	...
*	37·449	+54·203	1·10	41.5107	10·0
...	37·447	+13·892	− 5	...	...
†	37·326	+ 4·806	1·40	42.5063	9·3
121					
...	−37·311	−52·063	0·95	43.5145	10·4
...	36·551	+56·129	1·00	41.5108	10·2
	36·526	−28·380	0·90	43.5146	10·4
.	36·285	+ 6·617	0·90	42.5064	10·6
	36·234	+38·921	− 4	...	...
...	−35·817	− 4·697	− 4	M	...
S ‡	35·536	−50·021	3·30	43.5147	7·8
...	35·530	+43·869	− 4	...	...
*	35·024	+49·039	1·30	42.5065	9·8
...	34·984	−15·912	0·90	43.5148	10·4
131					
...	−34·935	+32·105	− 5	...	...
†	34·621	+19·909	0·95	42.5066	10·2
...	34·444	+49·554	− 5	..	
	34·425	+47·038	− 5	...	..
	33·963	+42·722	− 4	A	..
"	−33·865	− 0·245	1·00	42.5067	10·1
...	33·637	+28·802	0·80	42.5068	10·6
.	33·300	+41·789	− 3	...	
..	33·212	−35·083	− 4	M	
...	32·957	−34·278	− 5	M	.
141					
...	−32·769	+12·907	− 4	.	.
	32·701	+42·127	− 5	...	
	32·681	+43·809	− 5	A	
	32·384	−14·162	− 5	M	
	32·337	− 7·195	− 4	M	..
	−32·236	− 2·236	0·90	42.5069	10·6
	31·956	+50·156	− 5	...	...
...	31·889	−53·058	1·00	43.5149	10·0
*	31·583	− 4·554	2·10	42.5070	9·3
..	31·532	+25·204	0·80	...	...

151–210

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
151					
...	−31·440	+40·531	− 2	...	...
...	31·438	+36·064	0·90	42.5071	10·6
...	31·271	−29·506	1·00	43.5150	10·0
.	31·203	−31·787	− 2	A	...
*	31·158	−36·057	1·15	43.5151	10·0
*	−30·946	−31·712	3·00	43.5152	8·2
...	30·414	+47·240	0·80	42.5072	10·6
*	29·898	− 4·434	1·30	42.5073	9·9
...	29·805	+37·468	0·80	42.5074	10·6
N	29·538	−44·253	− 2	A	...
161					
...	−29·108	+36·757	− 4	M	...
*	28·875	−30·321	2·00	43.5153	8·9
...	28·528	−13·298	0·95	43.5155	10·3
*	28·321	−50·048	1·30	43.5154	9·7
*	27·865	+15·031	1·30	42.5075	10·0
...	−27·683	−23·630	0·65	43.5156	10·4
.	27·628	+50·315	− 4	M	...
...	27·406	+30·968	− 4	...	
...	27·309	−58·206	− 2	B	...
...	26·980	+33·847	0·95	42.5077	10·3
171					
...	−26·871	+ 7·954	1·00	42.5076	10·2
...	26·714	−58·381	1·15	43.5157	10·0
...	26·642	−49·727	1·00	43.5158	10·2
*	26·137	+53·966	6·00	41.5118	5·6
	26·081	+ 3·474	− 1	...	...
‡	−25·208	+32·816	1·60	42.5078	9·2
.	25·118	+56·286	− 5	M	...
...	24·898	− 2·328	1·05	42.5079	10·3
*	24·506	−33·155	1·35	43.5159	9·8
...	24·218	+39·525	0·85	42.5080	10·6
181					
...	−24·131	+46·321	− 4	...	...
...	23·993	−19·411	− 2	43.5160	10·4
	23·835	+10·967	− 4	...	...
...	23·760	+37·256	1·00	42.5081	10·2
.	23·689	−32·333	− 5	M	...
...	−23·669	+28·867	− 4	...	...
N *	23·020	+ 3·249	2·20	42.5082	8·9
	22·391	− 4·068	− 5	M	...
	22·236	−43·836	− 4	M	..
..	22·203	+41·778	− 4	...	...
191					
..	−22·168	−36·434	0·85	43.5161	10·4
*	22·024	+42·728	1·25	42.5083	9·8
...	21·875	+15·803	− 3	..	..
	21·700	+ 1·140	− 3	...	
..	20·007	+19·029	− 5	M	...
...	−19·995	− 9·356	− 5	M	...
.	19·152	−43·713	− 5	M	...
	19·108	−58·341	− 4	M	...
	18·940	−36·427	− 5	M	.
...	18·821	+ 5·721	− 5	...	..
201					
..	−18·610	−35·619	0·70	43.5162	10·4
S *	18·452	+27·144	2·15	42.5084	8·7
..	17·774	− 3·767	− 5	M	...
..	17·232	+14·982	− 4	...	...
*	16·895	+51·832	1·70	42.5085	9·3
...	−16·840	−53·699	− 5	M	...
.	16·545	−42·867	0·95	43.5163	10·2
*	16·420	+27·072	1·20	42.5086	9·6
	16·175	−56·031	1·00	43.5164	10·3
...	15·989	+19·333	− 4	M	...

211–270

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
211					
...	−15·731	+12·475	1·00	42.5087	10·0
...	15·731	−42·870	1·00	43.5165	10·2
*	15·580	+50·612	1·00	42.5088	9·8
*	15·375	+47·068	1·00	42.5089	10·0
†	15·275	− 2·587	− 1	42.5090	10·3
...	−15·074	−49·043	− 4	M	...
*	15·036	+12·033	1·05	42.5091	10·0
...	14·618	−46·107	− 3	M	...
...	13·835	−42·998	− 5	M	...
...	13·130	−20·325	− 1	43.5167	10·2
221					
...	−13·046	−42·058	− 5	M	...
...	13·016	−36·420	− 5	M	...
...	12·886	−35·828	− 5	43.5168	10·4
...	12·871	+56·868	− 5	M	...
..	12·416	+35·760	0·80	42.5092	10·5
...	−12·415	+26·677	− 2	...	...
	12·411	−27·142	1·00	43.5169	10·2
..	11·853	−30·295	− 2	43.5170	10·4
*	11·821	+45·339	1·10	42.5093	9·5
...	11·747	+42·233	− 1	...	...
231					
	−11·673	+45·175	− 5	...	.
..	11·558	+22·302	− 2	...	...
..	11·315	−46·660	− 2	A	...
	11·239	−54·720	− 4	M	
...	11·083	+31·312	− 5	...	.
..	−10·796	+ 2·129	− 5	...	..
S *	10·602	+49·122	1·90	42.5094	9·0
...	10·501	−38·751	− 5	M	...
‡	10·341	−42·706	1·40	43.5171	9·3
...	9·955	+57·163	− 5	.	..
241					
...	− 9·662	+47·935	− 3		...
...	9·350	+27·377	− 3	.	
	9·186	+36·180	− 5		
..	9·092	−21·464	− 4	M	...
	9·028	+38·724	0·65	...	...
	− 8·866	+22·559	1·05	42.5095	10·2
	8·580	− 8·488	0·65	43.5172	10·2
	8·477	−34·182	0·95	43.5173	10·2
.	8·098	+46·174	− 4	...	...
...	8·092	−54·006	− 5	M	...
251					
S *	− 7·673	−20·892	1·60	43.5175	9·3
...	7·595	−44·608	− 4	M	...
..	7·457	+33·776	− 1	42.5096	10·6
...	7·049	+29·634	0·70	...	...
...	6·977	−28·443	1·15	43.5176	9·8
...	− 6·587	−44·503	0·85	43.5177	10·4
...	6·392	+55·087	− 3	...	..
.	6·215	−58·938	1·00	43.5178	10·4
.	5·878	+30·228	− 3	...	...
...	5·650	−33·476	1·15	43.5179	9·8
261					
†	− 5·258	+41·621	− 4	...	...
.	4·969	−55·057	− 3	M m	...
	4·378	−12·282	− 5	M m	...
*	4·276	− 2·537	1·60	42.5097	9·3
...	4·132	−23·456	0·90	43.5180	10·2
.	− 3·374	+48·009	1·10	42.5098	10·4
..	3·177	+22·437	− 4	...	...
...	3·083	+57·315	0·85	...	...
...	2·344	−16·461	− 1	43.5181	10·4
.	2·001	−13·133	− 4	M	...

185. 44°·67, observed by Lessau.

187. Mass, 42°·67, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
271-330					
271					
S *	− 1·801	+33·947	3·00	42.5100	8·2
...	1·721	+26·928	0·95	42.5099	10·4
...	1·721	− 7·438	1·05	42.5102	10·2
...	1·678	− 9·707	1·00	43.5182	10·0
...	1·638	+46·481	0·90	42.5101	10·5
...	− 1·628	+57·191	1·05	41.5143	10·4
...	1·428	+ 9·244	0·90	42.5103	10·4
...	1·330	− 0·128	− 2	42.5104	10·5
...	1·056	+22·357	− 1	42.5105	10·6
...	1·048	−21·072	0·90	43.5183	10·0
281					
...	− 0·689	+25·954	− 5	M *m*	...
...	0·514	− 4·302	1·00	42.5106	10·2
...	0·502	+13·860	− 1	42.5107	10·5
...	0·128	+ 3·192	− 1	42.5108	10·4
*	+ 0·055	+53·036	1·00	41.5147	9·9
...	+ 0·513	−23·518	− 1	43.5184	10·4
*	0·959	+12·585	4·00	42.5109	7·9
...	1·275	−25·916	1·00	43.5185	10·2
...	1·405	−57·435	0·90	43.5186	10·2
*	1·410	+54·154	1·30	41.5150	9·5
291					
...	+ 1·424	+34·403	− 4	*m*	...
*	2·090	−41·595	1·25	43.5188	9·6
...	2·367	−32·643	− 5	M	...
..	2·420	+ 8·360	1·00	42.5110	10·2
...	2·539	+39·013	− 4	*m*	...
...	+ 2·575	− 1·401	1·00	42.5111	9·9
...	2·601	+58·471	− 5	M *m*	...
...	2·738	+27·723	0·90	42.5112	10·5
...	3·249	−24·804	− 5	M	...
...	3·340	−10·496	1·00	43.5189	10·0
301					
...	+ 3·635	+52·627	− 5	M *m*	...
...	3·636	−13·765	− 5	M	...
...	3·860	−14·920	− 1	43.5190	10·2
...	4·308	+ 6·037	− 5	42.5113	10·5
...	4·318	+20·242	− 4	...	...
...	+ 4·591	−18·178	− 3	43.5191	10·4
...	4·909	−33·200	− 4	M	...
...	5·090	+32·904	0·95	42.5114	10·2
...	5·463	+46·656	0·85	42.5115	10·5
...	5·911	−52·119	− 1	43.5192	10·4
311					
...	+ 6·048	+17·973	− 5	*m*	...
...	6·476	−12·420	− 4	...	...
..	6·603	+58·890	1·00	41.5157	10·2
...	6·647	+53·115	− 4	...	...
...	6·938	−57·122	0·85	43.5193	10·4
...	+ 7·012	−45·253	0·70	43.5194	10·4
...	7·061	+49·377	− 4	...	...
...	7·072	+34·004	0·75	42.5116	10·6
...	7·277	+38·323	0·90	42.5117	10·5
*	7·506	−59·390	1·10	43.5196	9·8
321					
...	+ 7·526	+47·052	− 2	...	..
...	7·560	+46·273	− 5	*m*	...
...	7·573	+25·291	1·00	42.5118	10·2
...	7·773	−38·469	0·70	43.5197	10·4
...	7·816	+57·534	0·70	...	...
...	+ 8·263	+44·545	0·95	42.5119	10·2
...	8·446	+18·976	− 5	*m*	...
...	8·800	− 4·050	− 1	42.5120	10·4
...	9·927	+43·988	− 5	...	...
...	10·193	+57·031	− 2	...	...
331-390					
331					
...	+10·824	+37·643	1·00	42.5121	10·2
*	10·952	−31·928	1·60	43.5198	9·3
...	11·097	+ 9·502	1·10	42.5122	10·0
...	11·117	+16·378	− 2	42.5123	10·6
*	11·201	− 9·390	1·50	43.5199	9·5
...	+11·206	−59·742	− 5	*m*	...
...	11·207	−20·487	1·15	43.5200	10·0
..	11·315	+46·925	1·00	42.5124	10·0
...	11·404	−25·938	− 5	...	...
...	11·512	+55·279	0·90	41.5161	10·6
341					
...	+11·770	+59·032	− 3	...	...
...	11·840	− 0·324	− 5	*m*	...
...	11·845	+25·553	− 5	*m*	...
*	11·960	+54·111	1·50	41.5162	9·4
...	12·268	+22·993	0·70	42.5125	10·6
...	+13·455	+12·132	1·00	42.5126	10·2
...	13·852	+48·228	0·65	42.5127	10·6
...	13·926	−35·620	1·00	43.5201	10·2
...	13·948	+23·585	− 5	*m*	.
...	14·096	−51·974	− 5	*m*	
351					
..	+14·493	+20·977	− 4	*m*	
...	14·772	−12·394	− 5	...	...
†	14·958	−15·019	− 5	...	..
*	14·973	−17·394	1·30	43.5202	9·8
...	15·022	+13·565	− 5	*m*	...
...	+15·077	− 8·933	1·20	43.5203	10·0
...	15·618	−51·926	− 5	*m*	...
...	15·626	+37·446	− 3	...	..
...	16·462	+38·678	− 4	...	...
...	16·815	− 3·258	− 5	...	...
361					
...	+17·401	−59·588	− 5	*m*	...
...	17·685	− 3·049	0·85	42.5129	10·3
*	17·734	+28·545	1·20	42.5128	9·5
...	17·842	+ 5·962	1·00	42.5130	10·0
*	18·185	+ 7·732	2·00	42.5132	9·3
...	+18·284	+35·113	1·00	42.5131	10·2
..	18·412	−28·060	− 3	...	...
...	18·627	+50·921	− 5	*a*	...
*	18·637	−23·172	1·30	43.5204	9·8
...	18·999	−32·326	− 5	...	...
371					
..	+19·404	−48·711	1·00	43.5205	10·4
...	19·524	+45·862	− 3	*a*	...
S *	19·753	+ 4·951	3·90	42.5133	7·9
*	19·754	−36·484	1·10	43.5206	9·5
...	19·870	−36·263	0·95	43.5207	10·2
...	+20·090	+16·777	0·90	42.5134	10·3
*	20·313	+11·054	1·15	42.5135	9·8
...	20·694	+55·149	− 5	*m*	...
...	20·715	+39·005	− 5	...	...
...	20·901	− 4·098	− 4	...	...
381					
...	+21·437	−23·418	0·95	43.5208	10·0
...	21·524	+ 9·602	− 2	42.5136	10·6
.	22·152	+14·717	− 1	42.5137	10·5
*	22·310	−51·445	1·80	43.5209	9·0
...	22·470	−56·982	1·00	43.5211	9·8
...	+22·689	+ 3·762	− 4	...	...
..	22·865	−17·800	− 5	...	...
..	22·989	+25·158	1·00	42.5138	10·2
...	23·059	+37·546	− 4	42.5139	10·6
...	23·222	+ 6·519	− 1	42.5140	10·3
391-450					
391					
...	+24·134	+ 6·561	− 1	42.5141	10·3
...	24·893	+34·061	− 2	...	...
..	24·969	−10·636	− 1	43.5212	10·4
...	25·316	+ 2·302	− 4	...	...
...	25·561	+ 8·010	− 4	*m*	...
...	+25·598	−51·263	1·00	43.5213	10·3
...	25·749	+35·898	− 5	*m*	...
S *	25·807	− 8·104	2·80	42.5143	8·7
...	25·923	+21·174	0·90	42.5142	10·3
...	25·946	− 0·844	0·95	42.5144	10·5
401					
...	+26·274	−47·736	0·65	...	...
.	26·391	−42·549	− 5	...	...
...	27·072	−13·895	1·00	43.5214	10·0
...	27·278	−41·143	− 4	...	...
...	27·308	−17·395	− 3	...	...
*	+27·519	−19·813	1·10	43.5215	9·8
*	27·903	−22·036	2·00	43.5216	9·3
...	27·929	− 1·378	0·95	42.5146	10·6
...	28·040	+48·480	− 5	*m*	...
.	28·095	+37·865	0·65	...	...
411					
	+28·341	+38·722	0·65	42.5145	10·6
...	28·425	−21·489	0·70	43.5217	10·4
...	28·728	−48·201	− 4	*a*	...
*	28·872	+22·535	1·25	42.5147	9·6
...	28·906	−26·508	− 4	...	...
†	+28·970	−19·981	0·65	43.5218	10·4
...	29·282	−46·795	0·65	...	...
...	29·499	+39·984	0·85	42.5148	10·5
†	29·577	−16·953	− 5	...	...
†	29·697	−52·039	− 3	...	...
421					
...	+30·199	+53·492	− 4	*a*	...
...	30·281	+52·443	− 5	*m*	...
...	30·349	−20·503	0·70	43.5219	10·4
...	30·415	+16·125	− 5	*m*	...
...	30·520	− 4·217	− 4	...	...
...	+30·716	−18·514	− 1	43.5220	10·4
*	30·909	−52·792	1·20	43.5221	10·0
...	31·221	−56·035	− 4	...	...
...	31·223	+52·741	− 4	*a*	...
..	31·297	− 6·204	1·10	42.5149	10·3
431					
..	+31·427	+41·958	− 4		..
...	31·497	−36·629	− 2	...	...
...	31·998	−56·430	0·90	..	.
..	32·051	−52·704	0·75	...	..
..	32·260	+14·689	1·05	42.5150	10·2
...	+32·632	+ 5·427	− 2	...	..
..	32·665	+30·257	− 3	...	...
...	32·791	+33·009	− 4	..	
...	33·151	+16·546	0·70	..	...
...	33·407	+44·478	1·10	42.5151	10·3
441					
..	+33·445	−34·757	− 3	..	...
...	33·485	−43·064	0·65	43.5222	10·4
*	33·610	−40·098	1·40	43.5223	9·5
..	33·739	−44·357	0·90	43.5225	10·3
...	33·762	+42·097	− 5	*m*	...
.	+34·141	− 8·960	0·80	43.5224	10·4
*	34·165	−53·979	1·50	43.5226	9·4
.	34·303	+32·962	− 5	*m*	...
‡	34·550	+51·213	1·40	42.5152	9·5
S ‡	34·611	+47·709	1·45	42.5153	9·3

451–500

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
451					
.	+35·002	+45·090	−3	a	...
*	35·134	+40·138	1·40	42.5154	9·5
...	35·331	−45·357	−5	m	...
...	35·402	−26·452	0·85	43.5227	10·4
*	35·410	−41·030	1·25	43.5228	9·8
...	+35·592	+37·826	−5	m	...
.	35·990	+24·061	1·00	42.5155	10·4
...	36·062	+44·035	−4	...	...
...	36·086	−57·751	−4	m	...
†	36·200	−29·953	0·95	43.5230	10·2
461					
†	+36·281	+44·869	−2	...	...
..	36·289	+ 6·726	−5	m	...
...	36·501	+19·698	0·90	42.5156	10·3
*	36·560	−14·625	1·40	43.5231	9·4
.	36·835	+53·570	1·05	41.5189	10·2
.	+36·950	−27·514	0·85	43.5232	10·4
.	37·413	−12·901	1·10	43.5233	10·0
.	38·347	−36·230	−4	m	..
..	38·371	+ 3·629	−4	m	...
.	38·517	−56·781	0·85	...	...
471					
S †	+38·559	−49·891	4·00	43.5235	7·6
*	38·614	+ 5·170	1·30	42.5157	9·8
...	39·352	+54·662	−5	...	...
...	39·538	−26·452	0·85	43.5236	10·4
.	39·798	+ 5·812	0·95	42.5158	10·5
*	+40·089	+ 5·876	1·80	42.5159	9·3
.	40·372	−23·652	1·00	43.5237	10·3
...	40·458	+36·419	−4	m	.
.	40·586	+12·730	−2	..	
...	40·665	+15·067	−2	...	
481					
..	+40·900	−24·162	−3	...	
...	41·428	+33·357	−5	m	
*	41·502	− 8·881	0·95	43.5238	10·3
.	41·505	+46·629	0·90		.
...	41·578	+21·667	0·70	...	
..	+41·825	−29·534	−4	...	.
...	42·161	+26·958	0·70	.	...
.	43·065	−18·392	−3		.
...	43·180	−36·899	0·70	...	...
...	43·241	− 8·415	1·00	43.5240	10·0
491					
.	+43·380	+34·213	−4	m	...
.	43·782	−19·021	−5	m	...
...	43·829	−16·209	1·00	43.5241	10·0
...	43·854	−53·441	−4	..	...
*	44·045	+54·198	2·00	41.5199	9·2
...	+44·355	−40·474	1·00	43.5242	10·4
*	45·477	−26·647	1·20	43.5243	9·8
...	45·554	+24·198	0·95	42.5160	10·5
...	45·813	−27·445	−5	m	...
...	46·340	+52·155	−5	.	...

501–550

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
501					
...	+46·458	+18·947	−4	m	...
*	46·568	+ 9·264	1·30	42.5161	9·8
...	46·580	−50·465	−4	m	...
...	46·612	+59·110	−5	...	...
...	47·313	−56·521	−1	43.5246	10·4
*	+47·597	+33·070	2·00	42.5162	8·6
.	47·665	+52·391	−1	41.5203	10·5
...	47·924	+23·282	−5	m	...
*	47·945	− 9·031	3·60	43.5245	8·0
...	48·044	−35·456	−3	a	...
511					
*	+48·245	−57·801	2·00	43.5247	9·1
*	48·291	+55·947	1·20	41.5204	10·0
.	48·649	+53·899	1·05	41.5205	10·0
..	48·655	−40·196	−5	m	...
...	48·875	−17·287	−5	m	..
..	+49·042	+16·808	−3	...	..
	49·096	+57·270	−5	m	...
...	49·374	+55·335	1·20	41.5207	10·0
*	49·388	−25·493	1·15	43.5248	9·8
†	49·531	+44·219	1·00	42.5163	9·9
521					
†	+49·660	+26·720	0·65	...	.
	49·751	+ 1·552	−5	m	...
...	49·799	+51·282	−5	m	...
...	49·821	−52·710	0·90	43.5249	10·4
...	50·035	−37·449	−1	...	...
*	+50·074	+53·567	2·00	41.5208	9·2
.	50·577	−26·472	1·00	43.5251	10·3
..	50·623	− 1·875	1·00	42.5166	10·5
*	50·763	−55·051	1·20	43.5252	10·0
...	50·777	+12·533	1·10	42.5165	10·2
531					
*	+50·870	+27·573	1·15	42.5164	9·9
...	50·952	+39·916	−1	..	.
...	51·096	+ 4·218	−1	...	.
...	51·138	+22·653	−3	..	...
..	51·482	−37·301	0·90	...	...
*	+51·680	−51·188	2·20	43.5253	9·3
*	51·808	−57·862	1·40	43.5255	9·9
...	51·883	+12·451	0·70	...	...
.	52·016	−46·234	−1	43.5254	10·4
...	52·475	+ 7·062	0·80	..	...
541					
...	+52·512	+42·225	−1	42.5167	10·6
...	52·591	−45·276	−3	a	...
*	52·668	− 6·407	1·40	42.5169	9·5
...	52·802	+41·237	0·70	42.5168	10·6
*	53·096	−46·113	1·35	43.5257	9·8
.	+53·156	−57·124	0·90	43.5259	10·3
..	53·168	− 8·111	−4	e	...
...	53·380	−43·788	1·20	43.5258	10·4
..	53·549	+49·246	−4	m	...
...	53·616	+54·896	−5	m	...

551–593

Notes.	Co-ordinates. x.	y.	Diam. −2	C.P.D. No.	Mag.
551					
...	+53·687	+56·809	−5	...	...
S *	53·747	+41·149	3·60	42.5170	7·9
.	53·828	+38·354	0·80	...	...
...	53·958	−19·306	−5	m	...
..	54·039	+15·570	0·80	...	...
...	+54·072	+37·435	1·00	42.5171	10·6
*	54·367	−54·335	1·60	43.5262	9·7
†	54·456	−49·864	1·35	43.5261	10·0
...	54·669	−15·342	−4	...	...
...	54·825	−25·398	−5	m	...
561					
...	+54·857	−49·573	1·00	43.5265	10·4
...	54·917	−20·726	1·00	43.5263	10·3
*	55·269	−11·260	1·40	43.5264	9·8
...	55·725	−22·360	−5	.	...
..	55·794	−50·667	−4	m	.
...	+55·858	− 1·344	−4	m	.
..	55·927	+14·231	0·70	...	..
*	56·050	−39·511	2·20	43.5266	8·8
* *	56·528	−16·429	2·40	43.5267	8·6
.	56·656	−39·861	0·70	43.5269	10·4
571					
...	+56·888	+36·534	−4	m	...
S *	57·032	−11·788	3·80	43.5268	8·1
*	57·130	−32·038	1·30	43.5270	9·9
...	57·721	+20·812	0·70	...	...
..	57·868	+ 1·883	−5	m	...
*	+58·171	−21·920	2·10	43.5271	9·0
...	58·213	−12·949	−5	m	...
..	58·217	+58·892	0·85	41.5222	10·4
...	58·261	−30·545	−4	m	
...	58·271	+18·142	−4	m	..
581					
...	+58·279	−15·675	−1	...	...
	58·525	−40·851	−3	..	...
..	58·576	+ 1·652	0·65	...	
..	58·616	+39·712	0·90	42.5172	10·4
*	58·827	+43·008	1·30	42.5173	9·9
†	+58·828	−54·864	−5	m	...
S *	58·917	−42·690	1·50	43.5272	9·5
...	59·161	+30·590	−4	m	...
.	59·206	+59·490	−5	...	...
*	59·280	+43·939	1·30	42.5174	10·0
591					
*	+59·309	+16·691	1·40	42.5175	9·6
...	59·439	− 9·320	−4	m	...
†	59·522	−20·837	0·65	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
	1–60				
1					
*	−59·759	−57·977	2·00	43·5247	9·1
*	59·686	+27·454	1·05	42·5164	9·9
*	59·579	−25·636	1·05	43·5248	9·8
...	59·328	+12·415	1·00	42·5165	10·2
...	59·267	+22·545	− 5	...	...
...	−59·054	− 1·988	− 2	42·5166	10·5
...	58·755	+ 4·122	− 5	..	...
...	58·586	−37·563	− 5	...	...
...	58·483	+42·154	− 5	42·5167	10·6
...	58·368	−26·576	− 2	43·5251	10·3
11					
...	−58·343	−52·848	− 5	43·5249	10·4
...	58·219	+12·362	− 4	...	...
...	58·149	+41·163	− 5	42·5168	10·6
...	57·465	+ 6·999	− 3	...	...
...	57·316	−55·145	− 2	43·5252	10·0
S *	−57·206	+41·095	3·10	42·5170	7·9
...	57·137	−37·374	− 5	...	...
...	57·041	+38·336	− 5	...	...
*	56·892	− 6·458	1·35	42·5169	9·5
...	56·772	+37·408	− 4	42·5171	10·6
21					
*	−56·503	−51·256	1·90	43·5253	9·3
...	56·324	− 8·148	− 5	E	...
...	56·322	−46·294	− 5	43·5254	10·4
...	56·190	−57·921	0·70	43·5255	9·9
...	56·159	+15·548	− 3	...	...
*	−55·257	−46·143	1·00	43·5257	9·8
†	55·056	−43·811	− 4	43·5258	10·4
...	54·873	−57·133	− 4	43·5259	10·3
...	54·239	+14·269	− 4	...	...
	54·198	−20·705	− 2	43·5263	10·3
31					
*	−54·132	−11·230	1·00	43·5264	9·8
†	53·787	−49·841	0·80	43·5261	10·0
*	53·747	−54·304	1·60	43·5262	9·7
...	53·400	−49·535	− 3	43·5265	10·4
...	53·355	−22·319	− 5	E	...
...	−53·287	+58·980	− 4	41·5222	10·4
*	52·707	−16·361	2·10	43·5267	8·6
...	52·647	+20·898	− 4	...	...
*	52·493	−39·457	2·00	43·5266	8·8
S *	52·318	−11·707	3·00	43·5268	8·1
41					
†	−52·292	+39·812	− 4	42·5172	10·4
*	52·194	+43·120	0·95	42·5173	9·9
..	51·894	−39·800	− 5	43·5269	10·4
*	51·763	+44·056	0·95	42·5174	10·0
*	51·642	−31·945	1·00	43·5270	9·9
...	−51·204	+ 1·771	− 5	...	...
...	50·980	−15·561	− 5	...	...
*	50·925	+16·825	1·30	42·5175	9·6
*	50·915	−21·799	2·00	43·5271	9·0
...	49·996	−40·721	− 5	...	...
51					
...	−49·597	−20·673	− 3	...	...
...	49·545	+20·927	− 3	...	...
S *	49·532	−42·536	1·35	43·5272	9·5
...	49·242	+57·749	− 5	41·5226	10·6
*	48·906	−39·374	1·20	43·5273	9·8
...	−48·592	−21·861	− 5	M	...
...	48·513	−21·332	− 5	M	...
...	48·141	− 2·362	− 4	...	...
...	48·018	+27·148	− 4	...	...
...	47·867	−25·392	− 4	...	...
	61–120				
61					
...	−47·251	− 2·057	− 2	42·5176	10·6
...	46·495	−10·598	0·65	43·5276	10·4
S *	46·457	+55·500	3·10	41·5229	8·0
...	45·782	+34·552	− 5	...	...
...	45·763	− 3·759	− 5	M	...
..	−45·679	−21·235	− 3	43·5278	10·4
...	45·655	−14·395	− 5	M	...
...	45·525	+ 3·223	− 5	A	...
*	45·371	−53·276	1·00	43·5277	9·8
*	45·266	−51·305	3·00	43·5279	8·2
71					
†	−45·264	+14·914	0·80	42·5177	10·2
†	45·137	−20·786	1·25	43·5280	9·1
...	44·923	+38·874	− 5	...	...
...	44·839	+57·954	− 5	41·5232	10·6
*	44·595	+16·987	0·95	42·5179	10·2
...	−44·556	+33·000	− 5	...	...
...	44·521	−36·278	− 3	43·5281	10·4
...	44·505	+48·552	− 5	...	...
...	44·505	−37·553	− 4	...	...
...	44·504	+12·162	− 1	42·5180	10·5
81					
*	−44·284	+ 3·623	0·90	42·5178	10·4
...	44·074	+ 1·114	− 5	A	...
...	43·962	− 8·996	0·95	43·5282	10·2
...	43·751	+23·053	− 5	..	...
...	43·493	+50·875	0·90	42·5181	9·9
...	−43·394	− 1·176	− 5	M	..
...	42·975	− 4·854	0·65	...	...
*	42·703	+42·576	1·05	42·5182	9·9
...	42·639	+14·230	− 3	...	...
...	42·363	−53·133	− 1	43·5283	10·0
91					
..	−41·416	−10·756	− 5	...	...
*	41·224	−11·147	0·95	43·5286	10·4
...	41·221	+ 3·922	− 5	A	...
*	41·111	−56·335	1·10	43·5285	10·0
...	41·065	+ 9·888	− 5	M	...
...	−40·907	+26·153	− 5	..	...
*	40·870	+11·436	1·40	42·5183	9·2
...	40·385	−49·189	− 1	43·5287	10·2
...	40·286	+ 1·681	− 3	...	...
...	40·065	+28·395	− 5	A	...
101					
...	−39·924	+ 6·845	− 3	A	...
...	39·750	−30·154	0·65	43·5288	10·4
...	39·462	−16·022	− 4	B	...
...	39·376	−44·543	− 5	...	...
...	39·054	+20·767	− 5	M	...
*	−38·906	−11·514	0·95	43·5290	10·2
...	38·819	−51·110	− 4	43·5289	10·4
...	38·800	+32·265	− 3	42·5184	10·6
...	38·692	+ 6·680	− 4	A	...
...	38·650	−25·823	− 2	43·5291	10·4
111					
...	−38·260	+13·886	− 5	B	...
†	38·169	−24·860	− 4	...	...
...	37·459	− 0·831	− 3	42·5185	10·6
...	37·330	+ 6·838	− 3	..	...
...	37·303	−51·103	− 5	M	...
...	−36·786	− 2·954	− 3	42·5186	10·6
*	36·759	−23·915	1·60	43·5292	9·3
...	36·546	−30·741	− 5	M	...
...	36·254	−46·935	− 5	M	...
...	36·135	+30·475	− 5	A	...
	121–180				
121					
..	−36·008	−13·579	− 4	...	...
...	35·724	−41·323	− 4	A	...
...	35·665	−17·739	− 5	...	...
..	35·649	−17·230	− 4	...	...
..	35·605	−14·795	− 5	...	...
...	−35·484	−30·700	− 3	43·5293	10·4
...	35·464	− 4·862	− 1	...	...
...	35·256	+14·030	− 5	B	...
†	35·145	−33·414	− 4	...	...
...	34·768	− 8·184	− 4	...	...
131					
*	−34·724	−16·240	1·00	43·5294	10·2
...	34·428	−48·748	− 1	43·5295	10·3
S *	34·377	+ 7·427	1·30	42·5187	9·1
...	34·235	−37·152	0·75	43·5296	10·2
...	34·085	+31·286	0·95	42·5189	9·8
*	−34·018	− 6·495	1·00	42·5188	10·2
...	33·922	+47·535	− 5	...	...
...	33·870	−15·876	− 4	...	...
..	33·762	+43·669	− 4	..	...
...	33·676	+54·457	− 3	41·5243	10·5
141					
*	−33·331	−39·037	1·60	43·5297	9·1
...	33·186	+ 9·262	− 5	B	...
*	33·180	+28·333	0·95	42·5190	10·0
...	33·120	−10·321	− 4	...	...
...	32·994	−34·259	− 5	M	...
*	−32·165	−42·497	1·05	43·5298	9·9
...	31·982	+ 8·819	− 3	...	...
...	31·951	+40·309	− 2	42·5191	10·4
*	31·949	−21·192	1·00	43·5300	10·0
...	31·933	+46·699	− 4	...	...
151					
*	−31·817	−34·083	0·95	43·5299	10·0
...	31·780	+17·241	− 4	A	...
*	31·488	−33·470	0·95	43·5301	10·0
*	31·322	−26·283	0·90	43·5302	10·3
..	31·001	+59·501	− 3	41·5245	10·6
...	−30·997	−33·559	− 4	...	...
...	30·453	+51·997	0·75	41·5246	10·2
*	30·121	+18·676	1·05	42·5192	9·8
*	29·733	−31·898	1·00	43·5305	10·0
...	29·586	−33·754	0·75	43·5306	10·2
161					
...	−29·542	+22·623	− 2	...	...
..	29·514	−27·919	− 5	M	...
*	29·479	+48·913	1·20	42·5193	9·4
...	29·376	+17·212	− 4	A	...
*	29·283	−44·359	2·00	43·5308	8·8
...	−28·986	+23·149	− 5	M	...
...	27·945	−25·383	− 3	43·5309	10·4
S *	27·732	−16·477	2·55	43·5310	8·3
...	27·349	−43·344	− 5	M	...
...	27·197	+47·402	− 4	...	...
171					
...	−27·107	−43·682	− 5	...	...
...	26·943	−58·064	− 5	M	...
*	26·832	+49·464	1·05	42·5195	9·8
...	26·622	+56·066	− 1	41·5254	10·2
...	26·609	− 6·870	− 3	42·5194	10·6
...	−26·512	−25·395	− 3	...	...
...	26·324	+28·843	− 5	M	...
...	26·208	+57·267	− 3	41·5255	10·4
...	26·002	−21·697	− 4	...	...
...	25·945	− 8·222	0·70	43·5312	10·3

L measured from 1, 223, 390.
MC .. .. 100, 294, 492.

181–240

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
181					
	−25·698	−58·847	− 5	M	...
...	25·60[illegible]	+36·858	− 3	42.5196	10·6
.	25·503	+27·865	− 2	42.5197	10·6
.	25·459	+ 7·332	− 4	A	...
	25·205	−52·916	0·95	43.5313	10·0
†	−25·204	−37·685	− 4	...	...
.	25·171	−20·403	1·80	43.5314	8·8
...	25·11[illegible]	−16·671	− 5	M	...
...	25·063	−35·815	− 3	43.5315	10·4
	24·873	−45·221	− 2	43.5316	10·4
191					
	−24·851	+19·243	− 5	M	...
*	24·585	+23·625	1·00	42.5198	9·9
	24·176	− 5·831	− 1	42.5199	10·5
	24·172	−18·055	0·70	43.5317	10·4
	23·953	+ 8·624	1·30	42.5200	9·6
*	−23·826	+26·412	1·00	42.5201	10·0
...	23·622	+40·452	− 4	...	...
	23·383	−38·216	0·75	43.5319	10·3
S *	23·092	−54·035	1·90	43.5320	8·8
*	22·981	+37·284	1·15	42.5202	9·8
201					
.	−22·882	+43·174	− 4	...	..
...	22·848	+24·130	− 3	...	.
	22·769	+ 2·175	− 4	B	.
	22·752	− 7·789	− 4	...	
	22·498	+26·176	− 4	...	.
...	−22·450	+59·506	− 5	...	.
...	22·376	−50·157	− 3	43.5321	10·4
.	22·343	+32·298	− 4	A	..
*	22·298	−28·338	1·20	43.5322	9·8
...	22·194	−28·776	− 5	...	..
211					
*	−22·186	+45·048	0·90	42.5204	10·0
...	22·157	+53·063	− 2	41.5263	10·4
...	22·118	+34·161	− 3	42.5203	10·5
.	21·912	−22·356	− 2	43.5323	10·4
...	21·529	+45·943	− 3	42.5206	10·5
..	−21·342	− 5·427	− 4	...	...
*	21·257	+ 1·956	1·00	42.5207	10·0
*	21·252	− 3·913	0·80	42.5205	10·2
*	21·132	+42·105	1·10	42.5208	10·0
..	21·040	−44·507	− 4	A	...
221					
	−20·609	−14·51[illegible]	0·70	43.5324	10·4
	20·312	− 9·511	− 4	...	...
...	19·97[illegible]	−16·535	0·70	43.5325	10·4
*	19·171	+ 6·768	1·00	42.5209	10·0
	19·096	−35·824	− 5	M	...
...	−18·609	−21·[illegible]	− 5	M	...
	18·258	−40·928	− 3	43.5326	10·4
...	17·949	−23·172	− 3	..	...
	17·789	+12·060	0·65	..	...
	17·277	−32·216	− 5	M	
231					
	−17·267	−39·461	0·75	43.5327	10·4
*	16·011	+34·049	0·90	42.5210	10·[illegible]
...	16·665	−18·524	0·70	43.5328	10·4
	16·579	−34·401	− 5	M	..
	16·438	+28·663	− 3	42.5211	10·6
*	16·312	+24·127	1·00	42.5212	9·[illegible]
*	15·065	+34·525	0·90	42.5213	10·0
*	14·762	+12·513	0·95	42.5214	9·8
...	14·513	−49·566	− 4	A	
	14·499	+51·476	0·90	42.5215	10·2

241–300

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
241					
.	−14·365	−14·536	− 1	...	...
..	14·239	+37·481	− 5	M	...
*	13·843	− 6·594	1·00	42.5216	10·0
...	13·787	+24·454	− 2	42.5217	10·5
*	13·692	+22·750	0·95	42.5218	10·0
...	−13·573	−31·007	− 4	43.5330	10·4
...	13·372	−57·875	− 4	...	...
...	13·349	+ 8·114	− 3	A	...
*	13·047	+31·354	0·80	42.5219	10·2
...	12·048	+30·602	0·85	42.5220	10·0
251					
...	−11·785	+21·304	− 2	...	...
*	11·397	+45·738	1·35	42.5221	9·3
..	11·221	−39·227	− 2	43.5332	10·4
...	10·819	−40·825	− 5	M	...
...	10·713	+10·823	− 2	42.5223	10·6
*	−10·700	+32·976	1·00	42.5222	9·6
...	10·518	+27·778	− 3	...	...
†	10·446	+56·995	− 3	41.5281	10·4
...	10·026	+16·366	0·70	42.5224	10·6
...	9·842	−15·430	0·65	43.5333	10·4
261					
...	− 8·859	−16·460	− 5	M	...
*	8·757	+15·176	1·10	42.5225	9·3
...	8·714	−53·969	1·00	43.5334	10·0
.	8·618	+ 7·326	− 2	42.5226	10·4
...	8·410	+ 7·170	− 3		
...	− 8·396	+10·931	− 5	M	...
*	8·290	+ 8·759	0·95	42.5227	10·0
...	8·286	−29·214	0·65	43.5335	10·4
†	7·957	−14·807	0·70	43.5336	10·4
...	7·033	+ 3·252	0·70	42.5228	10·5
271					
...	− 6·521	+35·636	− 4	A	...
*	5·894	−52·604	1·20	43.5339	9·5
..	5·881	+54·500	0·95	41.5287	10·0
...	5·633	− 7·098	− 4	B	...
†	5·426	+29·819	− 3	42.5229	10·3
..	− 4·919	−36·053	− 3	...	...
...	4·783	+11·635	− 5	M *m*	...
...	4·610	+53·340	− 5	...	.
†	4·430	+ 5·019	− 5	M *m*	..
..	4·254	−25·874	− 5	M *m*	..
281					
.	− 4·084	−44·569	− 4	..	..
..	4·007	− 2·125	− 3	.	.
..	3·531	+14·699	− 4	M	..
.	3·445	−32·762	− 5	...	...
..	2·759	+11·587	− 4	B *m*	..
...	− 2·496	−33·602	− 5	M	.
..	2·159	+50·972	− 5	..	..
...	1·591	−27·944	− 5	...	...
.	1·166	+22·169	− 5	42.5230	10·6
.	1·053	−56·474	− 5	*m*	...
291					
...	− 0·882	+ 7·539	− 2	M	...
...	0·848	+ 8·038	− 5	M *m*	...
S *	0·653	+23·525	2·00	42.5231	8·5
...	0·229	+33·009	− 3	..	...
..	− 0·076	− 8·173	− 3	...	..
	+ 0·003	+17·998	− 5	M *m*	...
..	0·299	−52·284	− 2	43.5342	10·4
	0·308	+31·226	− 4	M *a*	...
	0·324	−13·591	− 3	M	...
	0·350	−31·045	− 4	...	...

301–360

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
301					
*	+ 1·054	−31·315	1·00	43.5343	10·0
...	1·248	−40·013	− 4	...	...
...	1·333	−31·918	0·65	43.5344	10·2
..	1·394	−13·313	− 3	...	...
...	1·631	+32·597	− 5	M	..
...	+ 1·792	+ 4·850	− 5	M *m*	..
...	2·690	−54·209	− 3	...	...
...	2·822	+ 6·005	− 2	42.5232	10·5
...	2·894	+43·207	− 5	M *m*	...
..	3·067	−13·473	− 4	M *b*	..
311					
...	+ 3·098	−16·728	− 5	M *m*	
...	3·672	+25·901	− 3	...	...
...	3·898	−17·920	− 2	...	.
...	3·976	+23·183	− 4	...	...
...	4·012	+ 1·765	− 5	M *m*	...
..	+ 4·170	− 7·887	− 3	42.5233	10·6
..	4·202	−35·462	− 3	...	...
...	4·455	+55·464	− 4	...	...
...	4·506	+46·837	− 5	...	...
...	4·612	−38·843	− 4	M	...
321					
†	+ 4·674	+44·069	− 4	...	...
S *	4·984	+52·884	1·30	41.5296	9·4
*	5·105	+39·513	1·10	42.5234	9·8
...	5·166	+36·368	− 5	...	..
...	5·344	−55·423	− 4	...	...
...	+ 5·489	+12·636	− 4	*b*	...
...	5·645	−36·726	− 4	*b*	...
...	5·677	+ 9·141	− 4	*b*	...
...	5·733	+55·220	0·80	41.5297	10·0
...	5·768	−29·167	− 3	...	...
331					
...	+ 6·083	−49·510	− 3	...	...
...	6·486	+45·447	− 3	...	...
...	6·560	+25·260	− 3	.	..
...	6·625	−16·072	− 4	..	..
...	7·094	+27·400	− 4	.	...
...	+ 7·647	−17·713	− 3	...	...
...	7·657	+58·606	− 5	...	..
...	7·658	−48·261	− 2	...	...
*	7·696	− 5·960	0·90	42.5235	10·2
...	7·745	−54·116	− 5	...	...
341					
...	+ 7·818	+ 3·715	− 2	...	...
...	7·898	+53·84[illegible]	− 4	41.5299	10·6
...	7·918	− 7·229	0·85	42.5236	10·3
...	8·000	−12·210	− 2		...
..	8·015	−50·177	− 5	..	..
.	+ 8·080	+35·118	− 3	..	..
†	8·319	+29·977	− 4	...	...
...	8·361	−12·994	− 4	...	...
.	8·617	− 7·802	− 5	*m*	...
...	8·622	+43·908	− 3	...	...
351					
...	+ 8·732	+ 3·7103	− 4	*a*	.
..	8·801	+28·146	− 5	*m*	...
	8·836	−11·345	− 1	43.5346	10·4
...	9·196	+27·235	− 5	...	...
*	9·214	+ 1·442	0·85	42.5237	10·2
...	+ 9·223	+ 4·670	− 4	*b*	...
†	9·681	−54·903	− 4	...	...
†	9·689	−38·623	0·65	43.5347	10·4
*	10·323	+18·189	1·00	42.5238	10·0
...	11·728	− 3·717	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
361-420					
361					
...	+11·767	− 2·053	0·75	42°5239	10·5
...	11·790	+32·219	− 4	...	...
*	11·921	+ 3·075	0·95	42·5240	10·0
...	12·262	−23·750	− 5	*m*	...
...	12·394	−34·934	0·80	43·5349	10·2
...	+12·522	+23·834	− 4	*m*	...
...	12·641	− 8·493	− 5	*m*	...
*	12·674	− 0·244	0·85	42·5241	10·3
...	12·740	−10·081	− 5	*m*	...
...	12·979	−44·477	0·80	43·5351	10·3
371					
...	+13·523	+40·955	− 4	...	...
*	13·613	−56·940	1·00	43·5352	10·0
...	14·108	+ 1·042	− 5	*m*	...
..	14·359	+58·799	− 2	41·5304	10·3
...	14·453	+33·486	− 3	...	...
*	+14·778	+34·186	1·00	42·5242	10·0
...	14·830	+38·290	− 4	...	...
*	14·961	+39·194	1·80	42·5243	8·6
...	15·203	+38·947	− 4	...	...
...	15·605	+31·095	− 5	*m*	...
381					
*	+15·805	+46·930	1·00	42·5244	9·9
...	16·636	−56·739	− 3	43·5353	10·4
...	16·670	− 1·447	− 5	*m*	...
...	16·824	− 9·446	0·65	43·5354	10·4
...	16·918	+27·291	− 5	...	...
*	+17·241	−35·552	1·15	43·5355	9·8
...	17·385	−36·509	− 5	*m*	...
*	17·734	−51·058	1·10	43·5356	9·8
...	17·855	− 6·044	− 5	*m*	...
...	18·180	+38·825	− 4	...	...
391					
...	+18·350	+23·398	− 4	...	...
*	18·725	−42·575	0·90	43·5357	10·2
*	18·914	+29·047	1·15	42·5245	9·6
*	19·324	−57·162	1·10	43·5358	9·8
...	19·414	−35·945	− 3	43·5359	10·4
...	+19·707	+11·295	− 5	*m*	...
...	19·862	−41·826	− 5	...	...
*	20·122	−34·590	0·90	43·5360	10·2
...	20·179	−37·994	− 5	...	...
...	20·256	+35·301	− 5	*m*	...
401					
...	+20·302	−16·896	− 5	...	...
†	20·452	−44·693	− 3	43·5361	10·4
...	20·467	−52·952	− 5	...	...
S *	20·648	− 0·619	2·90	42·5246	7·6
*	20·675	− 0·842	1·00		
...	+21·166	−25·836	− 3	...	...
...	21·344	−31·082	− 5	...	...
...	21·351	+20·872	− 5	*m*	...
...	21·408	+24·725	− 5	...	...
...	21·437	−18·802	0·65	43·5362	10·4
411					
..	+21·486	+40·902	− 5	...	...
...	21·548	−14·300	− 5	*m*	...
...	21·587	−10·643	− 5	*m*	...
*	22·030	−26·082	1·00	43·5363	10·0
...	22·165	+22·116	− 5	*m*	...
*	+22·334	+12·974	1·05	42·5247	9·8
..	22·452	−19·955	− 5	...	...
...	22·520	+23·106	− 5	...	...
...	23·097	−58·223	− 5	*m*	...
S *	23·244	−53·266	1·00	43·5364	9·8
421-480					
421					
*	+23·649	−13·529	0·95	43°5365	10·0
†	23·742	−54·689	0·90	43·5368	10·0
*	23·880	−13·166	1·00	43·5367	9·9
...	23·982	+11·891	− 2	...	...
...	24·042	− 7·647	− 4	...	...
†	+24·529	+59·253	− 5	41·5315	10·4
...	24·687	+15·600	0·70	42·5248	10·4
...	24·804	−44·901	− 4	...	...
*	25·171	+20·765	1·00	42·5249	9·8
...	25·588	−25·112	0·75	43·5369	10·4
431					
*	+25·763	−24·602	1·00	43·5370	9·8
...	26·043	+49·397	− 5	*m*	...
*	26·381	−35·444	1·00	43·5371	10·0
	26·551	+33·893	0·70	42·5250	10·6
...	27·785	−32·879	− 5	...	...
..	+27·918	−53·569	− 1	43·5372	10·4
*	27·933	+56·379	1·00	41·5318	10·0
*	28·268	−19·528	0·90	43·5373	10·0
...	28·332	+16·236	− 1	42·5251	10·6
*	28·507	+13·158	1·40	42·5253	9·2
441					
...	+28·699	+29·377	− 1	42·5252	10·6
*	28·862	−18·561	1·15	43·5374	9·7
...	29·703	+39·683	− 5	...	...
‡	30·135	+35·159	2·00	42·5254	8·6
*	30·279	− 3·920	1·00	42·5255	10·0
*	+30·356	− 6·081	1·00	42·5256	9·8
*	30·784	−48·490	1·00	43·5376	10·0
...	30·906	−33·624	− 5	*a*	...
...	31·081	− 9·150	− 5	*m*	...
...	31·145	+ 1·258	− 4	...	...
451					
†	+31·145	−54·652	− 1	43·5377	10·2
...	31·253	+ 1·489	− 5	*m*	...
...	31·409	−51·391	− 3	43·5378	10·4
...	31·435	− 6·465	− 2	...	...
*	31·644	− 1·750	1·15	42·5257	9·4
...	+31·748	+25·620	− 5	...	...
...	32·076	−47·004	− 5	43·5379	10·4
*	32·474	+ 8·206	1·35	42·5259	9·4
...	32·537	−22·816	0·75	43·5380	10·4
...	32·786	+51·411	0·80	42·5258	10·2
461					
S *	+32·907	+35·873	2·00	42·5260	8·5
*	32·907	−47·547	1·30	43·5381	9·6
...	33·180	−20·804	− 2	...	...
...	33·565	−28·465	− 5	*m*	...
*	33·704	−16·867	1·00	43·5382	9·8
*	+34·096	−23·641	0·95	43·5383	10·2
*	34·167	+41·465	1·00	42·5261	9·9
..	34·199	+ 4·664	− 2	...	...
...	34·438	−13·748	− 3	...	...
*	34·861	−28·522	2·00	43·5384	8·8
471					
...	+35·046	− 4·018	− 5	*m*	...
...	35·135	+30·459	− 5	*m*	...
*	35·520	−38·582	1·00	43·5385	10·3
...	35·844	+58·717	0·70	41·5327	10·0
...	36·128	+ 9·288	0·65	...	...
...	+36·139	+32·199	− 2	42·5262	10·5
...	36·463	+35·556	− 2	42·5263	10·5
*	36·583	−23·560	1·00	43·5386	10·0
*	36·615	−50·245	2·00	43·5387	8·8
*	36·822	+39·834	1·05	42·5264	9·8
481-540					
481					
...	+36·944	+38·517	− 2	42°5265	10·4
	37·347	+18·125	− 4	...	...
...	37·542	−30·205	− 5	*a*	...
...	37·767	+31·743	− 4	...	...
*	37·775	+18·412	1·80	42·5266	9·2
...	+38·421	−26·360	0·80	43·5389	10·4
...	38·651	+43·219	− 4	42·5267	10·5
*	38·713	−12·572	1·00	43·5390	10·0
†	39·031	−39·732	− 3	43·5391	10·4
...	39·077	+ 0·249	0·65	42·5268	10·5
491					
...	+39·530	−26·879	− 3	...	...
*	39·692	− 2·219	0·95	42·5269	10·2
...	39·992	−27·968	− 2	43·5392	10·4
...	40·025	+13·091	− 3	...	...
...	40·095	+32·689	− 2	42·5270	10·6
...	+40·497	−57·631	− 4	...	...
...	40·757	+ 9·204	− 4	*a*	...
...	40·770	+32·746	− 3	42·5272	10·6
...	40·843	+45·514	0·85	42·5271	10·2
...	41·211	−46·423	− 1	43·5393	10·3
501					
...	+41·234	−22·981	− 5	...	...
...	41·420	+17·765	− 3	...	...
*	41·493	+18·866	1·05	42·5273	9·8
...	41·836	− 8·973	− 5	*m*	...
..	41·837	+34·252	− 5	*m*	...
...	+41·996	−14·458	− 4	...	...
*	42·428	+ 3·215	1·10	42·5274	9·8
...	42·575	+46·093	− 4	...	...
...	42·994	−15·543	− 5	*m*	...
*	43·052	−43·830	1·50	43·5395	9·3
511					
*	+43·103	−20·915	0·85	43·5394	10·4
...	43·126	− 0·043	− 5	*m*	...
*	43·209	+11·581	0·95	42·5275	10·0
...	43·570	− 3·212	− 4	...	
...	43·771	+37·760	− 4	...	...
*	+43·796	−23·005	1·00	43·5396	10·2
...	44·083	+14·589	− 4	...	...
...	44·211	−45·101	− 5	...	...
...	44·706	−10·405	− 4	...	...
*	44·951	−10·772	1·20	43·5397	9·8
521					
...	+44·990	−23·507	− 4	...	...
...	46·000	−22·681	− 3	43·5399	10·4
n *	46·135	− 2·329	1·00	42·5277	10·3
...	46·291	+33·337	− 3	42·5276	10·5
...	46·382	+11·419	− 4	...	...
n	+46·418	− 2·095	− 3	42·5277	10·3
...	46·500	− 7·182	− 3	...	...
...	46·639	+12·201	− 4	...	...
...	46·784	+28·709	− 5	...	...
...	47·302	−13·380	0·80	43·5400	10·3
531					
...	+47·685	+ 8·314	− 5	..	...
...	47·863	−14·465	− 1	43·5401	10·4
...	47·917	+35·800	− 5	...	...
...	48·172	+16·147	0·90	42·5278	10·2
...	48·247	−43·666	− 4	43·5403	10·2
...	+48·280	−18·873	0·65	43·5402	10·4
...	48·861	−24·553	− 5	*m*	...
...	48·916	−34·947	− 5	*b*	...
*	48·968	−57·459	1·90	43·5405	9·4
...	48·980	−29·300	− 4	...	...

523, 526. C.P.D., suspected double.

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
541–560					
541				°	
...	+49·175	+37·385	0·65	42.5280	10·0
	49·186	+35·946	0·75	42.5279	10·0
.	49·202	− 6·429	− 4	...	...
..	49·243	−30·523	− 4	*e*	...
..	49·382	−46·256	− 5	...	...
†	+49·421	−54·722	− 5	43.5407	10·4
.	49·446	+18·816	− 4	...	...
S *	49·483	−43·156	1·40	43.5406	9·1
...	49·648	+44·038	− 2	42.5281	10·2
...	49·730	−38·165	− 5	*h*	...
551					
..	+50·165	−34·857	− 5	...	...
..	50·653	+47·532	− 2	42.5282	10·0
S *	51·000	+52·446	5·00	41.5341	6·2
..	51·071	−54·356	− 5	*b*	...
..	51·110	− 1·480	− 5	*e*	...
..	+51·254	−18·170	0·80	43.5408	10·4
	51·304	−46·825	− 5	*b*	...
*	51·576	−14·542	1·00	43.5409	10·4
.	51·627	−21·579	− 5	*m*	...
...	51·628	−32·350	− 4	...	...

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
561–580					
561				°	
...	+51·792	−11·158	− 5	*m*	...
...	52·196	+15·971	− 3	...	...
...	52·516	+44·249	− 3	42.5283	10·2
..	52·634	−34·901	− 5	...	...
...	52·703	+48·699	− 3	42.5284	10·4
...	+52·847	− 9·550	− 4	.	...
.	53·096	− 5·624	0·80	42.5285	10·6
..	53·425	−10·719	− 5	*e*	...
S *	53·482	−36·611	1·95	43.5410	9·0
...	54·052	−50·159	− 1	43.5412	10·2
571					
*	+54·067	−23·074	1·40	43.5411	9·7
..	54·760	+57·417	0·65	41.5343	9·9
...	55·066	−19·462	− 4	...	...
...	55·222	−51·622	− 3	43.5413	10·4
...	55·451	+20·257	− 4	42.5286	10·6
...	+55·739	−30·970	0·70	43.5414	10·2
.	55·973	+23·275	− 4	...	...
...	56·052	+47·931	− 5	...	..
..	56·130	− 9·425	0·90	43.5415	10·4
...	56·149	+36·760	− 5	...	...

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
581–597					
581				°	
...	+56·353	−23·775	− 2	...	...
...	56·518	−43·284	− 2	43.5416	10·3
...	56·855	+26·352	− 2	42.5287	10·4
...	56·932	+ 4·678	− 4	*e*	...
...	57·031	−33·201	− 5	...	...
...	+57·155	+ 9·634	− 3	...	...
...	57·441	+57·205	− 5	41.5345	10·6
...	57·529	+17·140	0·75	42.5288	10·4
...	57·855	+22·129	− 3	42.5289	10·4
...	58·093	−27·178	0·90		
591				43.5417	10·3
.	+58·229	−27·504	0·65		
..	58·522	+ 3·541	− 5	*e*	...
...	58·661	+16·675	− 5	*e*	...
...	58·744	− 1·539	− 5	*e*	...
...	58·922	+36·475	0·65	42.5290	10·2
...	+58·988	−15·075	− 4	...	...
†	59·408	+23·046	− 5	...	...

	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
1–30					
1				°	
†	−59·876	−29·451	− 5	...	...
...	59·566	−30·667	− 5	E	...
*	59·044	−57·619	1·70	43.5405	9·4
.	58·964	−46·390	− 5	...	...
S *	58·941	−43·292	1·70	43.5406	9·1
..	−58·678	−54·858	− 5	43.5407	10·4
...	58·580	− 1·601	− 5	E	...
...	58·542	+44·168	− 1	42.5283	10·2
..	58·495	+48·615	− 1	42.5284	10·4
†	58·032	−34·975	− 3	...	..
11					
...	−58·017	+15·895	0·70	...	...
.	57·931	−18·268	0·85	43.5408	10·4
—	57·720	−14·626	0·90	43.5409	10·4
.	57·130	−32·416	− 3	...	...
.	56·701	+57·395	1·10	41.5343	9·9
	−56·604	− 9·597	− 5	...	...
.	56·476	− 5·674	0·80	42.5285	10·6
†	56·058	−34·956	− 5	...	...
.	55·988	−10·745	− 5	E	...
†	55·341	+20·041	− 5	M	...
21					
S *	−55·149	−36·636	1·90	43.5410	9·0
	55·104	+47·959	− 4	...	...
†	55·048	+20·223	− 5	A	...
†	54·965	−23·095	1·00	43.5411	9·7
†	54·904	+20·285	− 4	42.5286	10·6
...	−54·683	+36·786	− 5	...	...
...	54·465	+23·306	0·95	...	...
	54·189	−50·163	0·90	43.5412	10·2
	54·100	−19·448	0·65	...	...
...	54·014	+57·262	− 5	41.5345	10·6

	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
31–60					
31					
...	−53·679	+26·410	0·90	42.5287	10·4
...	53·538	+45·388	− 4	...	...
...	53·332	− 9·383	0·90	43.5415	10·4
...	53·069	−30·923	0·95	43.5414	10·2
...	52·974	−51·601	0·65	43.5413	10·4
..	−52·944	+ 4·748	0·65	E	...
...	52·876	+ 9·707	0·70	...	...
...	52·727	+17·216	0·90	42.5288	10·4
...	52·681	−23·718	0·75	...	...
...	52·556	+22·216	0·80	42.5289	10·4
41					
..	−51·916	−43·224	0·90	43.5416	10·3
..	51·911	+36·581	1·00	42.5290	10·2
...	51·711	−33·127	− 5	...	..
...	51·590	+16·797	− 4	E	...
...	51·326	+ 3·657	− 5	E	...
...	−51·006	+23·173	− 4	...	...
...	50·942	− 1·404	− 4	E	...
..	50·830	−27·063	1·00		
..	50·676	−27·379	0·90	43.5417	10·3
...	50·668	+45·612	0·65	42.5291	10·4
51					
...	−50·480	+55·583	− 4	41.5349	10·5
...	50·461	+12·607	− 2	...	.
†	50·283	−14·942	0·65	...	...
..	50·211	+13·384	− 3	...	...
..	50·143	−55·314	− 4	M	...
...	−50·128	+31·553	− 4	..	...
†	50·118	+24·916	− 2	...	..
†	49·954	+19·133	− 2		...
...	49·891	+23·638	0·65	...	...
...	49·813	+18·242	0·90	42.5293	10·3

	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
61–90					
61				°	
...	−49·807	+ 7·762	0·75	42.5292	10·5
*	49·580	+43·432	1·05	42.5294	9·8
...	49·478	+20·826	0·65	...	...
...	49·358	+16·240	− 3	..	...
...	49·123	+23·616	0·65	...	...
...	−49·017	+30·790	− 5	M	...
...	48·995	+15·116	− 1	...	...
*	48·664	+ 1·014	1·00	42.5295	10·0
...	48·579	+30·605	0·70	...	...
...	48·471	+28·623	− 4	...	...
71					
*	−48·229	+ 2·775	1·00	42.5296	10·2
...	48·123	+35·985	0·90	42.5299	10·3
*	48·026	+21·267	1·00	42.5298	9·9
...	48·003	+26·704	0·90	...	...
S *	47·839	+ 5·839	2·80	42.5297	7·7
S *	−47·569	+52·353	2·00	41.5355	8·4
*	47·529	− 5·519	1·00	42.5300	10·2
...	47·411	+16·880	0·90	42.5301	10·3
...	46·961	+47·095	− 5	...	...
...	46·712	+15·848	− 3	...	...
81					
..	−46·680	−19·798	− 5	M	...
...	46·638	+21·892	0·65	...	..
...	46·503	+22·183	− 5	...	...
...	46·421	− 7·723	0·90	42.5302	10·6
...	46·372	−35·563	0·95	43.5419	10·3
...	−46·278	+21·350	0·65	...	...
...	46·242	+31·712	0·70	...	...
*	46·203	+18·594	0·90	42.5303	10·6
..	46·084	−26·566	0·70	...	...
...	46·020	+18·356	− 4	...	...

L measured from 1, 253, 484.
MC ... 142, 371, 585.

91–150

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. l.	C.P.D. No.	C.P.D. Mag.
91					
...	−45·837	+18·870	− 4	...	...
...	45·823	+19·250	− 5	M	...
...	45·799	+16·596	0·80	42.5304	10·4
...	45·729	+ 1·141	− 2	...	...
*	45·718	+18·722	1·00	42.5306	9·9
...	−45·477	+ 1·175	0·65	42.5305	10·6
...	45·298	+20·561	− 2	...	...
...	45·216	−50·901	− 5	M	...
...	45·126	+18·656	− 5	...	...
†	45·078	+15·589	0·90	42.5307	10·2
101					
‡	−45·023	−33·461	1·20	43.5420	9·2
†	44·977	+19·045	0·70	42.5308	10·2
†	44·952	+19·077	0·95		
...	44·850	+16·779	0·90	42.5309	10·5
*	44·651	−43·350	1·10	43.5421	9·4
...	−44·434	−27·325	0·70	...	...
..	44·282	− 8·321	− 3	...	...
...	44·132	+18·555	− 4	...	...
...	43·984	+22·861	0·90	42.5310	10·2
...	43·919	−30·636	− 2	...	...
111					
*	−43·873	+39·086	1·00	42.5312	9·6
*	43·701	+20·471	1·00	42.5311	9·8
...	43·580	−16·613	− 2	...	...
*	43·562	−29·182	0·95	43.5422	9·8
...	43·534	−47·742	0·70	...	...
...	−43·055	−17·623	− 2	...	...
...	43·036	−34·482	0·70	...	...
...	42·895	+22·804	− 5	...	...
...	42·835	+43·248	− 5	M	...
*	42·828	+39·788	1·00	42.5313	10·2
121					
...	−42·795	+22·666	0·70	...	...
...	42·673	−42·651	0·95	43.5423	10·3
...	42·581	−31·417	− 3	...	...
...	42·558	+31·346	− 5	...	...
*	42·549	+46·915	1·05	42.5315	9·8
...	−42·479	+19·725	0·85	42.5314	10·6
...	42·284	+43·146	− 3	...	...
...	42·138	−36·683	− 3	...	...
...	41·987	−11·639	− 4	...	...
*	41·341	−12·075	1·00	43.5425	10·3
131					
*	−41·058	−15·789	2·00	43.5426	9·0
*	41·042	−48·845	1·00	43.5424	10·0
...	41·001	−38·965	− 5	...	...
...	40·857	− 6·251	0·90	42.5316	10·6
...	40·853	+11·632	− 5	M	...
*	−40·775	+ 5·738	1·05	42.5317	9·6
*	40·494	− 9·016	1·00	43.5427	10·1
...	40·459	− 2·465	0·65	...	...
...	40·258	+ 2·077	0·65	...	...
...	40·192	+20·549	− 3	...	...
141					
...	−40·180	−48·681	− 5	...	...
†	40·028	−23·878	− 5	..	...
†	40·022	+14·332	0·65	42.5318	10·3
†	39·991	+12·524	− 3	...	...
...	39·859	+10·799	− 3	...	...
...	−39·771	+22·611	− 2	...	...
...	39·458	+40·485	0·75	42.5319	10·2
...	39·354	+ 9·324	− 4	M	...
...	39·053	+ 1·465	− 5	M	...
...	38·928	−23·724	0·95	43.5428	10·3

151–210

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. l.	C.P.D. No.	C.P.D. Mag.
151					
..	−38·836	+41·526	− 1	42.5320	10·5
S *	38·639	+27·381	1·95	42.5321	8·7
..	38·580	−49·378	0·85	.	...
...	38·206	− 5·054	− 5	M	...
...	38·155	+58·950	0·95	41.5363	10·2
...	−37·697	−16·294	− 3	...	...
...	37·382	+52·454	− 5	M	...
S *	37·366	− 1·009	3·0	42.5322	7·4
...	37·252	+17·391	0·70		...
...	37·124	−58·141	0·70	...	...
161					
...	−37·006	−57·075	− 4	...	
...	36·987	−34·707	− 3	...	...
*	36·975	+23·363	1·05	42.5323	9·9
...	36·851	−44·441	− 4	M	...
...	36·788	+ 9·329	− 4	M	...
...	−36·683	− 7·416	− 3	...	...
*	36·613	−37·171	1·00	43.5429	10·2
...	36·539	+ 9·284	− 4	M	...
...	36·302	−54·701	0·75	...	..
...	36·289	+58·813	− 3	...	
171					
†	−36·076	−44·893	− 3	...	...
*	35·621	+10·300	1·40	42.5324	9·3
.	35·387	−37·637	− 4	...	...
...	35·291	+31·345	− 3	...	...
...	35·182	+17·604	0·80	42.5325	10·6
...	−34·759	−58·016	0·65	...	...
...	34·687	+11·727	− 4	..	...
...	34·662	+51·693	− 4	...	...
...	34·596	−42·967	− 4	M	...
*	34·589	+18·148	1·40	42.5326	9·2
181					
...	−34·458	+14·569	− 5	M	...
...	34·405	+58·262	− 5	..	
...	34·277	+22·549	− 2	.	...
...	34·274	+11·567	− 3	...	...
...	34·252	+17·417	− 4	.	...
..	−34·189	−43·396	− 2	...	...
...	34·116	+36·815	− 4	...	..
†	34·055	− 9·919	− 4	...	..
*	33·950	−45·401	1·10		
...	33·917	−45·629	0·90	43.5430	9·8
191					
*	−33·859	+25·820	2·00	42.5327	8·6
. .	33·753	+48·594	− 5	...	...
...	33·266	−22·325	0·80	.	
...	33·009	−18·401	− 3	..	...
...	32·925	−10·124	− 2	...	...
*	−32·886	−31·652	1·40	43.5432	9·6
...	32·764	+15·298	− 1	...	
†	32·628	−39·910	− 3	...	...
...	32·252	+21·150	− 4	M	..
...	31·633	− 7·711	− 5	M	...
201					
...	−31·342	+40·348	− 5	A	...
...	31·020	+ 6·903	0·70	42.5328	10·6
. .	31·014	−33·418	− 3	...	...
*	30·747	+25·335	1·40	42.5329	9·4
...	30·670	+48·202	− 4	...	...
S *	−30·653	−48·154	1·50	43.5433	9·4
...	30·515	+57·100	− 3	...	...
†	30·381	+34·980	− 4	...	..
...	30·354	+50·464	− 4	...	...
*	30·270	+10·594	1·00	42.5330	10·0

211–270

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. l.	C.P.D. No.	C.P.D. Mag.
211					
†	−30·075	−53·674	− 3	...	...
.	29·343	−38·634	− 1	...	...
...	29·208	−11·660	− 4	...	...
	28·901	+40·093	− 3	A	..
...	28·829	− 6·915	− 5	M	...
...	−28·546	−17·515	− 4	...	...
.	28·394	+28·571	0·80	42.5331	10·6
...	28·119	+30·109	− 4	...	...
*	27·808	+22·004	1·10	42.5332	9·8
...	27·736	−24·207	0·80	...	
221					
..	−27·460	−25·682	− 3	...	...
*	27·381	−34·510	0·90	...	..
...	27·374	−40·540	0·70	...	...
*	27·109	−33·981	0·90	...	...
...	27·009	−33·818	− 3	...	...
...	−26·631	+27·684	− 1	...	...
†	26·616	+ 0·014	− 4	M	...
*	26·608	+ 9·110	1·00	42.5333	10·0
...	26·496	− 4·116	− 1	...	...
...	26·395	+55·324	0·80	41.5371	10·6
231					
...	−26·270	−32·397	− 3	...	...
.	26·077	−50·266	0·70	...	...
...	26·024	+45·068	− 4	M	...
...	25·850	−36·886	0·65	...	...
*	25·787	+27·904	0·95	42.5334	10·2
...	−25·629	+32·250	− 5	M	...
..	25·486	−50·186	0·70	...	...
*	25·393	+ 5·912	1·00	42.5335	10·0
..	25·392	+41·502	− 4	...	...
...	25·154	−38·962	− 1	..	...
241					
...	−24·758	−15·224	− 3	...	...
...	24·655	−10·641	− 4	M	...
...	24·167	+28·234	− 4	...	...
...	24·059	+47·670	− 3	...	...
...	23·982	+ 2·384	− 5	M	...
..	−23·920	+40·178	− 4	M	...
...	23·914	+27·942	− 4	...	...
...	23·867	− 2·381	− 5	M	...
...	23·559	+ 7·380	− 4	...	...
‡	23·507	+ 5·075	− 4	...	...
251					
	−23·395	− 4·334	− 4	M	...
*	23·307	+43·551	1·50	42.5336	9·3
...	22·990	+ 7·988	− 4	...	...
...	22·883	+26·870	0·75	42.5337	10·4
...	22·790	− 7·980	0·65	...	...
...	−22·758	−27·847	− 3	...	...
*	22·733	+38·664	0·90	42.5338	10·4
...	22·648	+17·387	0·75	...	...
...	22·435	− 2·305	− 3	...	...
...	22·358	−24·394	− 4	M	...
261					
..	−22·177	+36·090	− 4	...	...
..	22·105	−12·797	− 1	...	...
*	22·021	+58·869	1·20	41.5375	9·6
...	21·087	+26·263	− 5	M	...
..	21·027	+ 4·353	0·80	42.5339	10·6
...	−20·970	+25·351	− 4	M	...
..	20·803	−57 227	− 5	M	...
...	20·671	−19·380	− 1	...	...
...	20·627	+55·077	− 4	...	...
...	20·559	+38·869	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
271–330					
271					
..	−20·454	+40·110	− 4	M	...
...	20·209	+28·022	− 4	.	...
...	19·822	+44·825	− 4	...	...
...	19·807	+39·297	− 5	...	...
...	19·617	−10·497	− 4	..	...
...	−19·287	+19·763	− 1	.	...
†	19·243	−10·021	− 4	...	..
...	19·119	+24·891	0·70	.	...
...	18·613	+46·902	− 4	...	..
...	18·485	+10·258	0·65	42·5340	10·6
281					
...	−18·432	+53·[illegible]	− 4	...	...
...	18·333	−56·446	− 5		..
	18·305	+53·671	− 5	...	...
.	18·286	+ 8·175	− 2	...	.
	18·154	+50·285	− 5	M	..
...	−17·867	−58·598	− 2	...	...
	17·763	+ 6·182	− 4	M	...
...	17·708	+47·179	0·75	..	.
...	17·667	+ 8·628	− 5	.	..
..	17·503	−19·365	0·90	...	...
291					
.	−17·473	−47·517	− 4	...	...
	17·284	+19·288	− 5	M	...
...	17·211	− 3·699	0·85	...	...
.	17·211	−34·489	− 3	A	.
..	17·197	−19·703	0·70	...	...
.	−16·736	+40·623	− 5	M	...
	16·665	+15·075	1·00	42·5341	10·0
	16·620	−40·309	0·65	...	...
..	16·478	+27·737	− 3	...	...
*	16·304	+32·754	1·00	42·5342	9·8
301					
.	−16·211	+58·022	0·65	...	...
*	16·079	+ 5·533	2·00	42·5343	8·6
S *	16·013	−32·766	2·00	43·5435	8·3
	15·856	+30·032	− 5	...	...
...	15·844	− 8·605	− 4	...	...
	−15·829	−11·129	− 4	...	...
	15·448	−33·712	1·05	43·5436	9·8
	15·432	−33·323	− 4	...	...
...	15·376	+ 1·904	− 3	...	...
	14·857	+43·473	− 5	M	..
311					
.	−14·857	+16·563	0·90	42·5344	10·4
...	14·569	−46·242	0·90	...	...
	14·479	−46·743	− 5	M	
...	14·253	−28·000	0·80	...	...
...	14·195	−20·263	0·65	...	...
	−13·962	−46·516	− 4	...	..
..	13·926	+42·701	0·85	42·5345	10·2
*	13·719	+52·563	4·00		
*	13·688	+52·365	3·00	41·5379	5·7
*	13·598	− 6·812	1·20	42·5346	9·3
321					
	−13·431	−30·791	− 4		
	13·382	−29·[illegible]53	− 4	...	
..	13·029	+54·45[illegible]	− 3	...	
...	13·[illegible]2	+26·373	− 3	...	...
.	12·856	−29·631	− 5	...	...
	−12·[illegible]78	+31·[illegible]74	0·9	42·5347	10·2
...	10·892	+30·472	− 4	...	.
...	10·418	−27·375	− 4	...	..
...	10·387	+30·471	− 4	M	
...	10·354	−29·176	− 4	...	
331–390					
331					
†	−10·097	+58·796	− 2	...	...
...	9·783	+ 6·265	0·70	...	...
S *	9·763	+ 4·281	3·00	42·5348	7·7
...	9·750	−48·851	− 3	...	...
...	9·724	+ 4·946	− 4	M	...
...	− 8·735	+18·461	0·65	...	...
	8·483	+17·838	1·00	42·5349	10·2
...	8·287	−28·836	− 3	...	...
...	7·655	−13·424	− 4	.	..
...	7·650	−29·663	0·65	...	...
341					
...	− 7·485	−18·175	− 1	.	...
...	6·918	+45·340	− 4	.	...
...	6·650	−23·858	0·70		
	6·647	+44·469	− 4	...	.
	6·629	+38·635	0·80	...	...
...	− 6·520	+48·725	− 3	..	...
...	5·994	+42·193	0·95	42·5350	10·4
*	5·943	+50·623	1·00	42·5351	10·2
..	5·507	+43·091	− 4	M	...
...	5·325	−26·044	− 4	*m*	...
351					
...	− 5·219	−14·784	− 5	M *m*	.
...	4·987	−27·917	− 1	...	.
...	4·733	−14·093	0·75	*m*	..
..	4·067	+22·468	− 4	*m*	.
...	4·046	−24·394	− 4	M *m*	...
...	− 4·010	+48·985	− 5	M *m*	..
..	3·813	+32·315	0·65	...	
...	3·781	+ 9·258	− 5	M *m*	..
...	3·688	+ 9·202	0·90	42·5352	10·4
...	2·754	−23·528	0·95	...	...
361					
...	− 2·422	+41·023	0·95	42·5353	10·4
...	2·370	+ 6·217	0·65	...	...
h	2·239	− 3·848	0·85	42·5354	10·6
...	2·112	+12·718	− 5	M *m*	...
...	1·810	+53·643	0·90	41·5395	10·2
...	− 1·135	+59·049	− 5	M *m*	...
.	0·822	−31·267	0·90	43·5440	10·3
.	0·706	+58·277	− 3	...	
.	0·683	+38·668	− 1		..
.	− 0·218	+27·673	− 4		
371					
...	+ 0·456	−21·743	0·65	...	
..	0·533	−29·531	− 3	*m*	
.	0·944	+12·447	− 5	M *m*	...
...	1·071	+50·713	− 3	A *m*	...
...	1·367	+37·924	− 2	...	..
...	+ 1·634	−11·810	− 2	.	
...	1·953	−42·720	− 1		
	2·166	−52·452	0·80		...
..	2·416	+55·586	− 4	A	...
...	2·970	−34·657	− 4	M *m*	..
381					
..	+ 3·034	−35·928	− 3	*m*	
.	3·103	+12·621	− 3	M	
.	3·169	+22·626	− 4	M	
..	3·204	+ 0·414	− 2	M *a*	
†	3·309	+14·[illegible]25	− 5	M *m*	
.	+ 3·604	− 1·49[illegible]	− 3	M *m*	.
*	3·630	−30·541	1·05	43·5441	10·0
...	3·644	−57·191	− 2	..	...
...	3·778	−51·050	− 3	...	...
...	3·891	+40·559	0·70	42·5355	10·4
391–450					
391					
...	+ 4·005	−12·805	− 5	M *m*	...
...	4·172	−51·507	− 2	...	...
...	5·141	−14·659	0·65	...	...
..	5·768	−14·617	− 5	*m*	...
n	5·846	+12·482	− 1	42·5356	10·0
...	+ 5·953	−48·693	− 3	*a*	...
n	5·961	+12·459	0·80	42·5356	10·0
...	6·099	−11·987	− 5	*m*	...
..	6·157	−42·038	0·80	...	...
..	6·361	+16·845	− 2	...	...
401					
*	+ 6·396	−41·620	1·90	43·5442	8·8
...	6·769	+26·413	− 5	...	..
	6·899	− 5·826	− 2	*h*	...
...	7·087	+31·165	− 4	...	...
...	7·331	−28·200	− 5	*m*	...
...	+ 7·380	+58·022	− 3	...	...
	7·544	+30·890	0·90	42·5357	10·2
*	7·848	+33·536	1·15	42·5358	9·8
.	7·934	−35·035	0·70	...	...
...	8·067	+29·472	− 4	*m*	...
411					
...	+ 8·118	−22·474	0·65	...	...
...	8·182	+33·506	− 4	*m*	...
...	8·464	−15·565	0·80	...	...
...	8·476	− 6·419	− 5	*m*	...
...	8·555	−40·483	− 4	*m*	...
	+ 8·625	− 0·213	− 4	*m*	...
.	8·771	+36·762	− 4	...	...
.	8·957	−36·869	0·65	...	...
..	9·109	−34·311	0·70	...	...
...	9·220	+58·364	− 2	41·5402	10·6
421					
...	+ 9·397	− 2·406	0·65	*a*	...
*	9·534	−54·465	1·10	43·5443	9·8
..	9·670	+10·538	− 4	...	...
S *	9·696	+58·361	1·20	41·5403	9·3
†	9·807	− 9·800	− 2	*a*	...
..	+ 9·963	+33·677	− 4	*m*	...
*	10·129	−16·883	0·95	43·5444	10·3
	10·348	+39·620	− 2	...	...
...	10·518	+53·160	− 1	...	...
.	10·547	+ 8·305	− 3	...	...
431					
	+10·919	+12·484	0·65		...
.	11·029	+36·186	− 2	...	...
.	11·279	+50·665	− 4	*m*	...
...	11·371	+10·380	0·70	42·5359	10·6
...	11·705	+ 9·258	− 5	*m*	...
...	+11·714	+48·478	− 3	...	...
.	11·790	+32·033	− 2	...	...
..	11·890	−36·501	− 4	...	...
	12·094	+38·574	0·95	42·5360	10·0
	12·247	−19·933	1·20	43·5445	9·6
441					
...	+12·330	−14·725	− 4	*m*	...
..	12·341	+25·498	− 3	...	...
.	12·367	+46·123	0·70	...	...
...	12·465	+39·208	− 3	...	.
	12·572	+28·237	− 4	*m*	...
...	+12·[illegible]74	+39·346	− 4	...	...
.	12·776	−56·268	− 4	...	...
	12·808	+44·331	− 4	*m*	...
...	12·934	−24·650	− 5	*m*	...
*	13·030	+36·500	1·20	42·5361	9·6

395, 397. C.P.D., probably mass.

451–510

Notes.	Co-ordinates. ′	″	Diam. ″	C.P.D. No.	Mag.
451					
...	+13·068	−46·777	− 5	m	...
...	13·526	+ 4·409	− 1	...	.
...	13·550	+ 6·550	− 4	...	.
...	13·618	− 0·041	− 5	m	...
*	13·703	− 0·143	2·20	42.5362	8·4
...	+13·737	−25·188	− 4	m	...
S *	13·841	+14·836	1·45	42.5363	9·3
...	13·854	+27·981	− 4	m	.
...	13·903	−17·924	− 4	m	..
...	13·906	+43·579	− 5	m	..
461					
...	+14·082	+39·600	− 4	m	...
...	14·332	− 5·367	− 3	m	...
*	14·353	+52·801	1·00	41.5405	10·0
...	14·583	−59·101	− 3	...	...
*	14·637	+48·755	0·95	42.5364	10·2
...	+14·713	− 3·717	− 5	m	...
	15·070	+44·718	0·70	42.5365	10·6
...	15·302	− 4·674	0·85	42.5366	10·2
*	15·704	+16·318	1·30	42.5367	9·5
...	16·229	+17·355	0·65	42.5368	10·6
471					
...	+16·238	+ 6·767	0·70	42.5369	10·6
...	17·158	−55·731	− 2	...	...
...	17·174	− 7·942	− 4	m	...
...	17·490	−45·743	− 5	m	...
...	17·804	− 1·459	0·75	42.5370	10·6
...	+17·862	−57·688	− 2	...	...
...	18·046	+56·273	0·90	41.5407	10·4
...	19·120	− 6·318	− 3	m	...
...	19·368	+ 4·454	1·20	42.5371	9·6
...	19·464	+24·762	0·75	42.5372	10·4
481					
‡	+19·671	−14·597	2·00	43.5447	8·6
‡	19·783	−26·945	1·80	43.5448	8·8
†	19·784	−45·110	− 4	m	...
†	19·804	−29·042	− 4	m	...
†	19·805	+44·174	− 1	...	...
†	+19·878	+ 4·658	− 1	42.5373	10·4
...	19·976	−35·383	− 4	m	...
*	20·260	−42·165	1·00	43.5449	9·8
*	20·424	+53·459	1·00	41.5409	10·0
...	20·482	+34·112	0·90	42.5374	10·6
491					
...	+20·670	+11·728	− 1	...	...
...	21·011	+ 5·301	− 5	m	...
...	21·174	+20·842	− 5	...	...
*	21·233	−18·457	1·05	43.5450	10·0
*	21·466	−55·526	1·05	43.5451	10·0
S *	+21·468	−58·942	1·20	43.5454	9·5
...	21·662	−36·911	0·95	43.5453	10·3
...	21·676	−27·642	− 1	...	...
‡	21·726	−14·941	1·00	43.5452	10·1
...	21·812	+37·489	− 5	m	..
501					
...	+22·213	+ 6·576	− 3	...	...
...	22·224	−32·854	− 4	m	...
...	22·333	+40·076	0·65	...	...
...	22·637	−48·698	− 5	m	...
...	22·659	+11·116	− 1	...	...
*	+23·532	+27·084	0·95	42.5375	10·6
...	23·537	+26·476	− 5	m	...
*	23·944	+13·140	1·00	42.5376	10·4
...	24·028	+31·073	− 2	...	...
...	24·052	+10·665	− 4	m	...

511–570

Notes.	Co-ordinates. ′	″	Diam. ″	C.P.D. No.	Mag.
511					
*	+24·096	− 8·571	0·95	43.5455	10·3
†	24·109	+10·049	− 5	m	...
...	24·912	−35·944	0·95	...	..
..	24·958	+42·118	− 3	...	..
...	25·309	+22·991	0·65	...	..
...	+25·440	+30·565	0·95	42.5377	10·2
...	25·540	+38·513	− 2		...
...	25·877	−19·628	− 5	m	
...	26·201	−21·375	− 4	m	...
...	26·282	− 7·812	0·65	...	
521					
...	+26·337	−31·375	0·95		.
...	26·541	−12·603	− 1		.
..	26·652	+48·497	− 5	..	...
‡	27·489	+14·936	1·00	42.5378	9·9
...	27·591	+38·858	− 1	...	...
...	+27·598	−22·646	− 5	m	...
*	27·625	−27·798	1·05	43.5456	9·8
.	27·834	− 2·148	0·80	42.5379	10·6
‡	27·902	−49·679	1·00	43.5457	10·0
...	28·284	+10·992	0·80	42.5380	10·6
531					
...	+28·362	−53·448	− 5	...	...
...	28·618	−52·016	− 5	...	...
...	28·694	−21·318	− 4	m	...
...	28·847	−21·429	− 5	m	...
...	29·443	− 3·313	− 4	m	..
...	+29·475	−23·979	− 3	..	...
...	30·059	−50·691	− 2	..	...
..	30·771	−26·388	0·80	.	.
...	30·902	+33·316	− 5	...	...
*	31·103	−18·864	1·35	43.5459	9·2
541					
*	+31·145	+48·173	1·00	42.5381	10·0
*	31·299	+26·720	1·05	42.5382	9·6
*	31·689	+53·482	1·05	41.5420	9·6
...	31·993	+57·229	− 3	...	...
*	32·424	−18·056	1·00	43.5460	10·3
..	+32·932	−15·694	0·70	...	...
*	33·112	−23·317	1·05	43.5462	9·8
*	33·175	− 8·735	2·80	43.5461	7·7
*	33·301	− 8·735	1·80		
...	33·280	−24·434	− 4	m	...
551					
†	+33·964	−19·856	0·90	43.5463	10·3
...	34·046	+10·534	− 4	...	...
...	34·157	−39·571	0·90	...	...
...	34·375	+ 5·090	− 4	...	...
...	34·411	+ 3·580	− 3	42.5383	10·6
S *	+34·475	−45·589	2·00	43.5464	8·6
...	34·985	+ 9·259	− 5	m	...
...	35·127	−25·826	− 1	..	
...	35·169	+38·706	− 3	..	...
...	35·291	+30·720	0·70		...
561					
†	+35·459	−14·865	− 2		..
*	35·548	− 6·804	1·00	42.5384	9·6
...	35·767	+16·058	− 2	...	...
*	35·838	−11·382	2·10	43.5465	8·0
..	36·198	+ 8·526	0·65	...	...
...	+36·535	−41·671	0·90	...	...
...	36·630	− 2·646	− 1		...
...	36·745	−35·298	0·75		
.	36·762	−38·268	− 3		.
..	36·854	+57·642	− 5	...	...

571–630

Notes.	Co-ordinates. ′	″	Diam. ″	C.P.D. No.	Mag.
571					
..	+37·181	+59·116	− 5	...	...
...	37·422	+40·432	0·65	...	...
*	37·611	− 3·830	1·20	42.5386	9·4
..	37·753	+40·802	1·00	42.5385	10·2
...	38·147	+15·848	− 5	m	...
...	+38·233	−44·516	0·70	...	...
...	38·262	+44·591	− 2	...	..
.	38·344	+13·323	0·70	...	..
*	38·658	+24·849	0·95	42.5387	10·0
...	38·720	−27·386	0·65	...	...
581					
*	+39·154	− 2·905	1·00	42.5388	9·8
...	39·528	+20·308	0·75	42.5389	10·6
..	39·533	+15·420	− 3	...	...
...	39·587	−24·190	− 5	m	...
*	39·599	−25·313	1·05	43.5467	9·6
†	+39·731	−35·190	0·65	..	...
†	39·802	+36·390	− 4	...	...
...	39·995	+13·460	− 3	...	...
*	40·171	−36·715	2·00	43.5468	8·8
..	40·428	−51·950	− 4	...	...
591					
..	+40·444	−47·290	− 4	...	...
...	40·621	− 8·270	− 4	m	...
...	40·959	+52·901	− 4	...	.
...	40·959	− 4·677	0·85	42.5390	10·4
*	41·064	− 7·940	0·95	42.5391	10·2
...	+41·117	+24·724	− 3	...	...
...	41·142	−28·851	− 5	..	...
...	41·186	−17·613	− 3	..	...
...	41·192	−37·921	− 5	.	...
...	41·249	+21·393	− 2	...	...
601					
...	+41·263	+ 3·919	− 4	m	.
...	41·350	+ 7·297	− 4	...	..
...	41·375	−41·791	− 1	...	..
...	41·763	−33·725	− 4	...	...
...	41·945	−15·500	− 4	m	..
*	+41·947	−15·972	0·90	43.5469	10·3
...	41·992	+12·354	− 4	...	...
...	42·224	−49·957	− 4	...	...
...	42·267	+11·837	− 2	...	...
...	42·483	−57·204	− 3	...	...
611					
*	+42·584	−58·659	1·40	43.5470	9·6
*	43·302	+17·083	0·85	42.5393	10·4
...	43·340	+47·539	0·80	42.5392	10·6
...	43·585	+18·754	− 4	...	...
...	43·644	+13·991	− 3	...	...
...	+43·895	−45·354	− 4	...	...
...	43·945	−44·636	− 3	...	...
†	44·067	+ 4·982	− 4	m	...
...	44·378	−59·099	− 4	m	...
...	44·420	− 6·896	− 4	m	...
621					
...	+44·541	+ 6·118	− 5	m	...
*	44·633	−12·122	0·95	43.5471	10·3
..	45·197	−26·115	− 4	m	...
...	45·356	−48·753	− 1	...	...
*	45·976	+ 4·388	1·00	42.5394	10·0
...	+46·220	−26·288	− 3	...	...
...	46·333	+ 3·101	− 4	...	.
...	46·723	−39·569	− 4	m	.
...	46·821	− 4·823	0·70	...	.
...	47·289	−46·730	− 5	...	

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
631–660					
631					
*	+47·355	−29·356	1·00	43·5472	10·2
	47·512	−25·944	− 4	...	...
*	47·523	− 9·593	0·80	43·5473	10·3
	47·603	− 9·448	− 4	*m*	...
..	47·715	−47·770	− 4	...	.
	+47·981	+24·552	− 5	...	...
...	48·053	−33·351	− 3	...	...
...	48·166	+26·944	0·65	42·5395	10·6
..	48·217	+22·987	− 2	..	...
*	48·400	+44·067	1·00	42.5396	10·0
641					
...	+48·847	−40·966	− 3	...	...
...	48·968	+ 4·922	− 4	...	...
...	49·227	−33·947	− 5	*m*	.
...	49·295	−12·736	0·70	...	...
...	49·902	−45·543	− 3	...	...
..	+50·017	+19·821	− 5	*m*	...
...	50·018	−38·835	0·85	...	...
...	50·188	+43·368	− 3	...	..
...	50·330	−25·765	− 4	...	..
...	50·807	−30·471	− 5	*m*	...
651					
..	+50·905	−27·584	− 4	...	...
*	50·993	+18·438	2·00	42.5397	8·6
...	51·056	+16·393	− 4	...	...
..	51·394	−37·395	− 2	...	...
..	51·501	+11·939	− 2	...	...
	+51·680	−52·957	0·90	43·5475	10·3
S *	51·781	+53·809	1·70	41·5434	8·9
	52·827	−19·501	0·95	43·5477	10·2
...	53·486	+19·410	0·75	42.5398	10·6
...	53·696	− 8·934	− 3	*e*	...
661–690					
661					
...	+53·746	−48·911	− 3	...	...
...	53·946	−21·355	− 1	...	...
.	54·521	+17·869	0·85	42.5399	10·2
...	54·542	+57·454	− 2	41.5437	10·4
...	54·587	−55·460	− 2	...	...
‡	+54·676	−15·573	1·20	43·5478	9·6
†	54·807	−35·933	− 3	...	...
...	54·817	+48·689	− 5	...	...
*	54·993	−45·163	1·70	43·5479	9·4
...	55·524	+46·107	− 5	*m*	...
671					
...	+55·631	+ 4·354	− 4	...	...
...	55·859	−57·046	− 4	...	...
S *	55·950	+15·917	2·05	42.5400	8·2
...	56·068	+42·849	− 4	...	...
...	56·521	− 2·987	0·85	42.5401	10·4
...	+56·629	+51·881	0·85	41.5438	10·2
...	56·689	−46·974	− 3	...	...
...	56·815	−28·945	− 4	*m*	...
...	57·051	−52·359	− 4	...	...
...	57·233	−27·625	− 2	...	...
681					
...	+57·333	+12·449	− 4	...	...
...	57·454	+ 7·057	− 4	...	...
*	57·723	+24·310	1·10	42.5402	9·9
...	57·912	−44·730	− 4	...	...
†	57·980	+ 9·958	− 4	...	...
S *	+58·044	+31·789	1·15	42.5403	9·4
*	58·145	−34·976	1·20	43.5480	10·0
...	58·897	−35·104	− 4	...	...
..	58·915	+54·144	− 3	41.5441	10·6
...	58·977	+18·196	− 4	...	...
691–693					
691					
...	+59·114	+46·925	− 5	...	...
...	59·280	− 7·799	− 3	*e*	...
†	59·642	+ 0·683	− 4	...	...

1–20					
1					
.	−59·669	−41·140	− 4	...	...
S *	59·537	+53·702	1·90	41.5434	8·9
*	59·279	+18·319	2·10	42.5397	8·6
...	58·595	+11·823	− 2	..	..
.	58·572	−38·969	− 1	..	..
..	−58·476	−45·672	− 4	.	...
	58·012	−27·694	− 4	...	...
.	57·227	−37·486	− 2	.	.
	56·876	+57·408	− 2	41.5437	10·4
...	56·820	+19·356	0·75	42.5398	10·6
11					
.	−56·487	−53·021	0·95	43.5475	10·3
*	56·326	−19·555	1·00	43.5477	10·2
...	55·[illegible]	− 8·974	− 3	E	...
.	55·739	+17·848	0·85	42.5399	10·2
...	55·160	−21·376	0·70	...	...
...	−54·931	+51·913	− 1	41.5438	10·2
*	54·588	−15·577	1·05	43.5478	9·6
.	54·545	−48·930	− 5	..	...
...	54·262	−26·323	− 5	M	..
S *	54·253	+15·943	2·15	42.5400	8·2
21–40					
21					
...	−54·241	+ 4·364	− 5	...	...
...	53·870	−35·920	− 1	...	...
...	53·512	−55·456	− 3	...	...
.	53·394	−45·140	1·80	43.5479	9·4
...	53·303	+ 3·026	0·95	42.5401	10·4
...	−52·766	+12·523	− 5	...	...
*	52·738	+24·378	1·00	42.5402	9·9
S *	52·628	+31·870	1·25	42.5403	9·4
...	52·487	+ 7·121	− 5	...	...
..	52·426	+54·236	− 4	41.5441	10·6
31					
...	−52·181	−57·002	− 5	...	...
†	52·057	+10·059	− 5	..	...
..	52·030	+47·046	− 5	...	...
...	51·679	−27·542	− 2	...	...
.	51·661	−46·900	− 1	.	...
..	−51·315	+18·312	− 5	...	...
...	51·130	−52·261	− 5	...	...
.	50·830	+56·416	− 5	...	
.	50·751	+32·053	1·05	42.5404	9·6
†	50·563	−34·863	1·00	43.5480	10·0
41–60					
41					
...	−50·487	−44·614	− 4	...	...
...	50·480	+27·910	0·65	42.5405	10·6
...	50·217	− 7·669	− 4	E	...
...	50·105	+ 0·816	− 5	...	...
...	49·797	−34·971	− 5	...	...
...	−49·409	+31·894	− 5	...	..
...	49·310	− 0·931	− 3	A	...
...	49·276	+30·492	− 5	...	...
.	48·950	+22·684	1·05	42.5406	9·6
*	48·425	+49·239	1·80	42.5407	9·4
51					
.	−48·369	+26·088	0·75	...	...
.	48·332	+44·541	− 1	42.5408	10·6
.	47·913	− 8·377	− 4	M	...
...	47·[illegible]	− 9·096	− 5	M	...
...	47·054	+42·733	1·00	42.5409	10·2
S *	−46·727	−40·280	1·90	43.5481	9·4
.	46·617	+52·037	− 1	41.5447	10·2
...	46·181	+53·966	− 2	41.5448	10·6
...	46·122	+ 2·872	0·80	42.5410	10·4
*	45·938	+21·390	1·00	42.5411	9·9

LB measured from 1, 51, 164, 351, 450.
L ... 16, 124, 258, 378, 507.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
61–120					
61					
...	−45·600	−30·457	0·95	43·5482	10·3
...	45·399	+53·115	−5	...	...
†	45·071	+56·238	−3	41·5450	10·6
.	44·890	+25·031	−5	...	...
.	43·536	− 9·006	1·00	43·5483	10·2
.	−43·399	+22·855	0·65	...	...
...	43·313	−22·339	−2	...	...
...	42·993	+ 6·337	−4	...	...
...	42·572	− 8·664	−5	M	...
...	42·478	+40·445	−3	...	...
71					
...	−42·156	+58·907	−3	41·5453	10·6
*	42·130	−19·530	1·00	43·5484	10·3
...	42·049	−37·502	−5	...	...
...	41·629	+56·541	−3	41·5454	10·4
...	41·302	+35·644	1·00	42·5412	10·2
...	−41·294	+33·393	−5	..	...
...	40·798	+36·452	−5	...	...
...	40·782	+43·568	−2	...	...
...	40·545	+53·808	−1	41·5455	10·4
S *	40·224	+ 1·434	1·40	42·5413	9·3
81					
†	−40·035	+14·734	0·85	42·5414	10·6
...	39·509	−20·850	0·65	...	...
...	39·452	−41·126	0·80	...	...
...	39·295	−35·072	0·95	43·5485	10·3
*	39·173	−34·218	1·05	43·5486	10·0
..	−38·759	+47·324	0·80	...	...
*	38·649	−16·176	1·00	43·5487	10·0
...	38·626	−26·510	−2	...	...
...	38·442	+ 1·727	1·00	42·5415	10·2
‡	38·341	−29·958	1·00	43·5488	10·2
91					
...	−38·016	−31·601	−5	..	...
...	37·798	−22·383	−3	...	.
...	37·583	+18·384	−3	. .	...
...	37·510	−53·989	−1	...	..
...	37·078	+ 4·251	−5	M	...
...	−37·003	−45·683	−1	...	...
...	36·533	−58·123	−2	...	...
*	36·369	−11·212	1·00	43·5491	10·2
...	36·247	−22·157	−5	M	...
...	36·086	+38·136	0·90	42·5416	10·4
101					
*	−36·071	−42·999	0·95	43·5490	10·3
*	36·003	−10·567	0·95	43·5492	10·0
...	35·984	−12·128	−4	...	...
...	35·511	−23·879	0·85	...	.
...	35·433	+54·733	−4	A	...
...	−35·380	−43·292	0·85	...	..
...	35·338	−40·296	−5	M	...
*	35·031	+13·656	0·95	42·5417	10·2
...	34·954	−40·886	−1	...	...
...	34·724	−41·113	−4	M	...
111					
...	−34·520	−35·555	−5	M	...
...	34·470	−37·688	−5	M	...
*	34·466	+42·820	0·95	42·5419	10·2
...	34·309	− 9·537	−4	M	...
...	34·242	−25·549	−4	M	...
...	−34·229	+38·606	0·65	42·5420	10·6
...	34·196	+14·652	0·75	42·5418	10·6
...	34·175	−16·810	−4	M	...
...	33·617	−11·838	−4	M	...
...	32·910	−37·316	0·85	...	...
121–180					
121					
*	−32·870	+36·423	1·00	42·5421	10·2
...	32·352	−25·020	0·70	...	...
...	32·162	−56·759	−1	...	..
.	32·110	−13·742	−4	M	.
..	32·099	+55·442	−3	...	...
.	−32·069	+52·763	−4	..	.
.	31·224	+45·131	−3	...	..
..	31·137	−13·477	−5	M	...
*	31·053	+42·392	1·40	42·5422	9·6
...	30·859	+31·585	0·70	...	...
131					
...	−30·549	− 2·160	0·85	42·5423	10·2
...	30·249	−32·223	0·70	...	...
...	30·203	−12·011	0·85	43·5494	10·2
..	29·954	+58·429	−5	...	...
..	29·529	−56·164	−3	...	...
...	−29·456	−12·354	−4	M	.
...	29·230	−55·227	−2	...	...
...	28·969	−51·995	0·95	43·5495	10·3
...	28·721	+33·748	−4	...	...
...	28·677	−35·981	0·95	43·5496	10·2
141					
*	−27·872	−23·708	1·00	43·5497	10·3
...	27·808	+40·476	0·70	...	...
...	27·364	+49·299	−5	...	...
...	26·728	+ 8·478	0·85	42·5424	10·6
...	26·535	+39·037	0·65	.	...
...	−26·483	−51·670	−4	...	...
...	26·001	−16·017	0·75		...
...	25·917	+50·362	−4	...	...
...	25·583	+25·350	0·75	42·5425	10·6
...	25·545	−21·375	−5	M	...
151					
*	−25·298	+39·848	−5	...	
...	24·739	+12·974	0·65	...	...
...	23·596	+ 3·392	0·70	...	...
...	23·375	−49·076	1·00	43·5499	10·3
...	23·206	−24·415	0·70	...	...
...	−23·168	−28·621	−2	...	...
*	23·064	− 0·198	1·30	42·5426	9·3
...	22·865	−51·380	0·95	43·5500	10·3
...	22·070	−15·006	−5	...	...
...	22·049	+52·889	−5	...	...
161					
...	−22·031	−34·699	0·95	...	...
...	21·535	+33·897	0·90	42·5427	10·4
...	21·522	−30·656	−5	M	...
...	21·366	−50·370	0·95	...	...
...	20·625	−22·937	−5	...	...
†	−20·199	+33·665	0·95	42·5428	10·4
...	20·199	−51·622	−1	...	..
...	19·919	+37·507	−5	...	...
...	19·764	−40·058	−5	M	...
†	19·708	+ 0·056	−5	M	...
171					
...	−19·459	+41·936	0·75	42·5429	10·6
..	19·425	−17·214	0·65	...	...
...	19·004	−38·159	−5	...	...
*	18·892	−32·843	1·00	43·5501	10·0
...	18·817	+46·822	−5	...	...
...	−18·608	+36·898	−4	...	...
...	18·324	+17·975	0·95	42·5430	10·0
...	17·933	−42·835	−1	...	...
...	17·792	−34·499	0·70	...	...
...	17·515	−11·884	0·65	...	...
181–240					
181					
.	−17·400	+18·110	−4	...	...
...	17·356	−54·000	−5	M	...
...	16·987	−25·616	0·90	...	...
S *	16·541	−51·551	1·80	43·5502	9·2
...	16·489	−42·503	−3	...	...
...	−16·007	−13·638	−5	M	..
...	15·841	+32·361	−3	...	..
...	15·759	−26·236	0·75	...	...
...	15·647	−24·747	−5	M	...
...	15·519	−34·590	−5	M	...
191					
...	−15·307	+58·860	−2	...	...
...	15·307	−18·581	1·00	43·5503	10·3
.	15·283	+22·868	−5	...	...
‡	15·070	−48·835	1·05	43·5504	9·8
...	14·905	− 7·726	0·70	42·5431	10·6
...	−14·824	−55·296	−4	...	...
...	14·818	+57·552	−1	41·5474	10·6
*	14·736	−48·094	1·40	43·5505	9·6
...	14·680	−56·778	−4	...	...
*	14·135	+22·656	1·05	42·5432	10·0
201					
...	−14·135	−41·032	−4	M	...
*	13·886	−46·307	0·95	43·5506	10·2
...	13·024	−55·108	0·65	...	...
..	12·699	−24·728	−4	M	...
...	12·453	+15·551	−5	...	...
...	−12·428	−44·204	−1	...	...
*	12·139	−38·816	1·00	43·5507	10·0
...	12·049	+50·361	−4	...	..
...	11·981	+ 2·740	−5	...	...
...	11·928	+25·250	0·70	...	...
211					
...	−11·703	−54·186	−5	...	...
...	11·374	− 5·157	−3	B	...
...	11·086	−22·937	0·80	...	...
...	10·920	+ 2·537	−4	M	...
. .	10·628	−40·217	−5	M	. .
...	−10·513	−15·774	−3	...	...
...	9·991	−16·216	−3	B	...
...	9·937	−13·308	−3	A	...
...	9·786	+33·876	−4	...	...
...	9·657	+15·755	−5	...	...
221					
...	− 9·656	+46·517	−5	...	...
...	9·357	− 6·614	−4	M	...
...	9·280	+36·993	0·85	42·5433	10·4
*	8·706	− 2·510	1·05	42·5434	9·8
*	8·548	−22·087	0·95	43·5509	10·0
...	− 8·442	+17·296	0·70	42·5435	10·6
...	7·935	−11·731	−4	M	...
...	7·678	+22·355	0·70	...	...
...	7·483	+43·963	−4	..	...
...	7·419	−43·719	0·90	...	...
231					
...	− 7·407	+46·534	−4	...	...
...	7·332	+58·528	0·75	41·5483	10·6
...	7·228	+25·578	−3	...	...
*	7·027	−10·476	0·95	43·5510	10·3
...	6·974	− 8·571	−1	..	...
...	− 6·884	−38·321	0·90	...	...
...	6·676	+25·632	−4	...	...
...	6·595	− 1·149	0·65	B	..
*	6·435	−59·356	1·10	43·5511	10·0
...	6·388	−36·394	−5	M	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
241-300					
241					
...	− 6·381	+ 6·354	− 1	...	...
	6·332	− 6·780	0·75	42.5436	10·6
...	6·305	+13·444	0·65	...	...
...	6·177	−37·768	0·80	...	...
.	6·025	+38·220	0·95	42.5437	10·0
*	− 5·889	−48·366	0·95	43.5512	10·2
.	5·697	−42·062	− 5	M *m*	...
..	5·428	+26·727	− 4	M	...
..	5·381	+50·771	− 5	M	...
..	5·032	+40·695	0·65	42.5438	10·6
251					
...	− 4·569	+44·712	− 4	...	...
...	4·519	−41·735	0·65	...	...
*	4·220	+17·989	1·00	42.5439	9·8
N *m*	4·163	+ 1·872	− 4	42.5440	10·6
N A *m*	4·059	+ 1·873	− 4		
‡	− 3·773	− 9·843	1·00	43.5513	10·2
...	3·540	+ 1·459	− 3	...	...
...	3·420	−18·274	0·70	...	...
...	3·288	−19·312	− 4	M *m*	...
...	3·271	+17·513	0·70	42.5441	10·6
261					
...	− 3·233	− 5·729	− 2	A *m*	...
...	3·157	+55·477	− 2	...	...
...	3·066	−45·016	− 5	M	..
	2·747	−37·441	− 1	...	..
...	2·625	−19·791	− 3	B *m*	...
...	− 2·172	+57·740	− 5	...	..
*	1·751	−33·795	1·40	43.5515	9·4
..	1·497	−19·666	− 5	M *m*	...
...	1·414	−20·953	0·80	...	...
...	1·331	+ 0·746	− 2	42.5442	10·6
271					
...	− 1·033	−20·015	− 1	...	...
..	0·543	+36·930	− 5	.	..
..	0·519	+51·660	− 2	..	..
..	− 0·334	−13·601	0·70	...	...
...	+ 0·038	−42·855	− 5	M *m*	...
*	+ 0·220	+ 5·768	1·00	42.5443	9·8
...	0·307	−13·782	0·95	43.5516	10·3
...	0·812	+21·985	0·85	42.5444	10·6
...	0·827	−17·000	− 3	...	...
...	0·985	− 2·111	− 5	M *m*	...
281					
...	+ 1·131	−35·430	0·95	...	...
.	1·454	−29·298	− 3	...	..
..	1·818	+ 9·265	0·90	42.5445	10·4
.	2·041	+42·266	0·65	...	...
*	2·102	−42·170	1·00	43.5517	10·3
...	+ 2·424	+21·133	0·80	42.5446	10·6
	2·575	− 7·657	0·90	...	...
.	2·752	−13·318	− 4	M	...
.	2·934	+ 5·936	0·65	...	...
...	3·258	+22·276	− 5	*m*	.
291					
...	+ 3·282	+32·197	− 5	...	
	3·310	+16·235	0·90	42.5447	10·4
S *	3·417	−11·525	1·95	43.5518	9·1
*	3·853	+38·472	1·05	42.5448	9·6
..	3·858	+15·991	− 5	M	...
	+ 3·949	+ 1·179	− 5	*m*	..
	4·475	−51·479	− 5	...	.
...	4·707	+53·111	− 2	...	.
†	4·758	−12·262	− 4	M	...
...	5·547	+21·894	− 5	...	..
301-360					
301					
*	+ 5·826	−58·113	1·90	43.5519	9·4
...	6·007	−47·591	− 5	...	...
...	6·126	+ 0·594	− 2	*a*	...
...	6·688	+55·985	1·00	41.5496	10·4
...	6·775	−11·626	0·75	...	...
*	+ 6·842	+23·924	1·90	42.5449	8·2
*	6·916	+23·756	1·05		
..	6·968	−43·469	− 4	...	...
..	7·162	−36·955	− 5	*m*	...
*	7·223	+10·617	1·70	42.5450	9·3
311					
*	+ 7·356	−43·625	1·00	43.5520	10·3
...	7·549	−26·592	− 3	...	...
‡	7·635	+29·983	1·00	42.5451	10·2
...	7·800	− 2·757	− 4	*m*	...
..	7·887	+41·671	− 4	...	...
...	+ 8·154	+10·243	− 5	*m*	...
...	8·191	−50·782	− 3	...	..
...	8·259	−19·226	− 3	...	...
..	8·321	+43·095	− 3	...	...
...	8·342	− 4·856	− 5	*m*	...
321					
..	+ 8·500	−36·894	− 3	...	...
*	9·610	−36·206	1·80	43.5521	8·8
†	9·821	+47·448	− 5	*m*	...
...	9·884	+23·603	0·75	42.5452	10·2
...	10·034	−27·922	− 3	...	...
S *	+10·545	+49·050	2·20	42.5453	8·2
...	10·644	−25·095	− 3	...	...
...	10·723	− 3·881	− 5	*m*	...
..	10·763	+30·703	− 5	...	...
...	10·848	−37·707	− 5	...	...
331					
...	+10·892	−48·690	− 2	...	...
...	10·941	+ 4·713	− 5	*a*	...
*	11·253	− 6·884	1·10	42.5454	9·6
...	11·284	+35·392	− 5	*m*	...
...	11·448	−45·680	− 4	..	...
..	+11·722	−26·413	− 1	...	...
...	11·736	+ 5·826	− 4	*m*	..
...	11·766	−16·592	0·90	...	.
...	12·046	−43·931	1·00	...	...
..	12·460	− 0·549	− 5	*m*	...
341					
...	+12·759	+49·170	− 3	...	...
*	12·779	−30·034	1·05	43 5522	9·6
...	12·846	−28·523	− 5	*m*	...
...	12·847	+46·261	− 5	*m*	...
S *	13·184	−51·469	2·20	43.5524	8·3
..	+13·212	−31·997	0·85	43.5523	10·3
...	13·546	−16·250	− 4	..	...
...	13·942	+41·328	0·95	42.5455	10·4
...	14·043	+ 6·710	0·90	42.5456	10·4
†	14·690	+24·341	− 1	...	...
351					
†	+14·798	+ 0·606	0·70	...	...
	14·831	+48·366	0·95	42.5457	10·2
...	14·870	−32·654	− 4	*m*	...
..	14·968	−24·735	0·90	...	...
...	15·005	−48·203	− 2	...	...
..	+15·195	−24·254	1·00	43.5525	10·3
..	15·225	+30·331	− 4	*m*	...
...	15·265	+ 4·241	0·70	...	...
...	15·548	+12·803	− 5	...	...
S *	15·575	+27·477	4·80	42.5458	5·9
361-420					
361					
...	+15·817	−52·828	− 5	...	...
...	15·893	+46·390	− 1	...	...
...	15·983	−52·386	− 5	...	...
...	16·014	− 6·529	0·90	42.5459	10·4
.	16·444	+49·031	− 3	...	
...	+16·830	−51·604	0·65	..	.
...	16·844	+13·330	− 5	*m*	...
...	17·011	+22·705	− 3	...	...
...	17·481	+56·796	− 5	...	...
...	17·714	+55·541	− 4	...	..
371					
...	+18·220	−16 652	0·85	...	..
...	18·480	−46·416	− 4	*m*	...
...	18·830	+ 8·541	− 4	...	...
...	18·846	−12·592	0·70	...	...
..	19·041	−48·785	− 5	*m*	...
...	+19·043	− 2·000	− 5	*m*	..
...	19·530	+ 6·186	− 3	*a*	...
...	20·034	+41·392	− 5	...	...
...	20·110	+42·947	− 5	...	...
...	20·214	+25·349	− 2	...	...
381					
...	+20·517	+56·449	0·95	41.5513	10·6
...	20·602	+ 4·648	− 5	...	..
...	20·744	+ 8·642	− 5	*m*	...
...	21·141	−34·373	− 3	...	.
...	21·150	+22·007	− 1	...	...
...	+21·250	− 5·306	− 5	*m*	...
...	21·298	+56·902	− 4	...	...
*	21·312	+38·739	1·00	42.5460	10·0
...	21·613	+24·582	0·70	...	...
*	21·666	−33·016	2·90	43.5526	7·9
391					
*	+21·769	−47·873	1·05	43.5527	10·0
...	21·843	+49·481	− 4	...	...
...	22·054	−51·790	− 5	*m*	...
...	22·103	−38·803	1·00	...	...
...	22·429	+45·947	− 3	...	...
*	+23·069	−18·876	1·05	43.5528	9·6
...	23·145	+29·837	− 3	...	...
...	23·837	+33·799	− 1	...	...
...	23·953	−11·883	0·85	...	...
...	24·277	+50·061	0·65	42.5461	10·6
401					
...	+25·003	+ 9·525	0·90	42.5462	10·6
*	25·039	−48·923	1·20	43.5530	9·6
...	25·765	−47·352	− 4	*a*	...
‡	25·804	−19·860	− 4	...	...
...	25·848	−23·071	0·65	...	...
...	+25·900	− 2·854	0·70	...	...
...	25·935	+23·771	0·70	42 5463	10·6
†	26·549	−39·791	− 4	...	...
...	26·693	−21·627	− 4	...	...
...	26·776	+43·991	− 3	...	...
411					
*	+26·999	+49·117	1·00	42.5464	9·9
‡	27·570	+15·071	1·00	42.5465	9·8
*	28·166	+58·585	1·90	41.5520	9·2
...	28·252	−57·121	− 5	...	...
...	28·275	−31·991	− 4	...	...
...	+28·336	+31·398	0·90	42.5466	10·6
...	28·638	−14·528	0·75	...	...
...	28·708	+40·282	0·95	42.5467	10·6
...	29·197	+ 9·166	− 3	...	...
...	29·418	+ 1·025	0·95	42.5468	10·0

254, 255. 42° 71, too faint.

421–470

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
421					
...	+29·474	+50·283	− 5	...	...
a *	29·566	− 0·118	1·10	42.5469	9·5
...	29·575	+ 9·747	− 5	*m*	
..	30·061	−31·569	− 5	*m*	..
...	30·106	+12·538	− 5	*m*	...
...	+30·977	+20·161	− 5	*m*	..
...	30·987	+17·466	− 4	...	...
*	31·204	+40·810	1·00	42.5470	9·9
...	31·288	−21·502	− 5	*m*	...
*	31·357	+26·544	1·30	42.5471	9·5
431					
...	+31·500	+42·998	− 3	...	...
*	31·930	+31·003	1·00	42.5472	9·9
...	31·943	−31·060	0·80	...	...
...	31·949	+21·390	− 5	*m*	...
...	32·022	+39·755	− 4	*a*	...
...	+32·045	− 8·236	1·00	42.5474	10·2
*	32·185	+20·117	1·10	42.5473	9·6
...	32·441	+31·217	− 2	...	...
...	32·551	−39·049	− 2	...	...
...	32·735	+20·062	− 5	*m*	...
441					
...	+32·770	−40·566	− 5	...	...
...	33·169	+30·827	− 3	...	...
...	33·787	+16·424	− 5	*m*	...
...	33·824	+39·770	− 3	...	...
...	34·115	−24·419	− 5	...	...
...	+34·272	+ 6·065	− 5	*m*	..
...	34·294	+ 7·363	− 5	*m*	...
†	34·701	+30·287	− 3	...	...
†	34·772	− 5·959	0·65	42.5475	10·6
...	35·370	− 1·751	0·75	...	...
451					
...	+35·437	+ 5·247	− 2	...	...
*	36·184	−27·598	1·00	43.5531	10·2
...	36·272	− 8·220	0·65	...	...
...	36·572	+11·056	− 3	...	...
...	37·215	+24·429	− 5	...	...
...	+37·555	+45·639	− 1	42.5476	10·6
*	37·617	−46·076	1·10	43.5532	9·8
...	37·850	−35·222	0·95	...	...
...	37·925	+51·430	− 4	...	...
...	38·119	− 7·015	− 1	...	...
461					
*	+38·216	−29·465	1·00	43.5533	10·0
...	38·442	−44·193	− 5	*m*	...
...	38·451	−41·913	1·00	43.5534	10·0
:	39·592	+ 7·934	1·00	42.5477	9·8
†	39·663	+ 5·863	− 5	...	...
†	+39·734	−50·852	− 4	...	...
...	40·549	+ 3·271	0·70	...	..
S *	40·656	−49·564	1·10	43.5535	10·0
...	40·743	−23·922	− 3	...	...
...	41·831	+15·864	0·80	42.5478	10·6

471–520

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
471					
...	+42·029	+13·025	− 5	*m*	...
*	42·378	+51·476	1·80	42.5479	9·4
..	42·417	+52·432	− 1	41.5534	10·6
...	42·708	−28·971	− 4	...	...
...	42·879	+49·036	− 1	42.5480	10·6
.	+43·127	+48·896	− 4	.	..
...	43·166	+22·020	− 4		...
...	43·263	+44·687	− 3	...	...
...	43·381	+51·216	− 4	.	...
...	43·622	+56·038	− 5	..	...
481					
...	+43·757	+29·093	0·65	...	
...	44·035	+ 8·533	− 4	*m*	...
S *	44·556	+ 1·024	1·15	42.5482	9·6
...	44·576	+52·371	− 2	...	...
‡	44·580	+44·966	1·20	42.5481	9·5
†	+44·677	+14·101	0·70	42.5483	10·6
..	44·882	+20·489	− 2	...	...
...	45·795	−25·897	0·65	...	...
...	45·823	+41·761	− 2	...	...
...	45·825	−45·139	0·80	43.5536	10·3
491					
...	+45·990	−40·630	− 4	...	...
...	46·200	− 9·148	− 4	*m*	...
...	46·233	+ 1·768	− 3	...	...
*	46·330	−22·810	0·85	43.5537	10·3
...	46·615	+ 9·776	0·75	42.5484	10·6
...	+47·277	−35·654	0·85	...	...
...	47·411	−29·993	− 1	...	...
*	47·470	+36·137	1·00	42.5485	10·0
...	47·919	−12·164	− 2	..	...
...	47·977	+27·824	− 3	...	...
501					
..	+48·572	−44·705	− 4	...	...
.	48·590	−32·344	− 3		..
...	48·676	+45·581	0·75	42.5486	10·4
...	48·989	+43·144	− 4	...	..
...	49·023	+53·314	− 1	..	...
...	+49·254	+15·412	0·65	...	...
†	49·719	+ 3·516	− 3	...	...
*	50·109	−57·427	1·40	43.5540	9·6
*	50·173	−52·859	1·05	43.5541	10·0
†	50·197	−24·959	0·90	...	...
511					
...	+50·206	− 6·299	− 1	...	...
...	50·209	+11·217	− 5	*m*	...
..	50·331	+14·517	0·95	42.5489	10·4
...	50·487	−10·675	0·65	...	...
...	50·515	+33·237	0·85	42.5488	10·6
S *	+50·608	+42·526	2·00	42.5487	9·0
...	51·176	+44·321	− 2	...	...
...	51·726	− 9·419	− 2	...	...
...	52·005	− 9·660	− 2	...	...
...	52·136	−57·394	− 5	...	...

521–549

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
521					
.	+52·320	−40·961	1·00	43.5543	10·3
..	52·613	−50·590	0·95	43.5545	10·2
...	52·642	+54·390	− 1	41.5542	10·2
..	52·756	+21·985	0·95	42.5490	10·6
...	52·785	+ 0·847	− 3	*e*	...
...	+52·830	−33·506	0·75	...	...
..	53·489	−58·447	1·10	43.5546	10·2
.	53·749	+ 4·139	− 5	*m*	..
...	53·892	+46·326	− 5	*e*	...
...	54·018	+31·254	− 2	...	...
531					
...	+54·124	−32·731	0·95	...	...
...	54·233	−52·927	− 5	...	...
...	54·360	−16·238	− 4	*m*	..
†	54·726	−15·406	− 4	...	...
...	55·188	−51·328	− 5	...	...
...	+55·635	−24·256	0·95	...	...
...	55·701	−15·730	− 5	*m*	...
†	55·879	+49·835	− 1	42.5491	10·2
...	56·585	+24·399	− 1	...	...
...	56·753	+34·795	− 4	...	...
541					
*	+57·015	+56·038	1·90	41.5546	9·1
...	57·271	−36·934	− 3	...	...
..	57·591	−38·701	− 4	...	...
...	57·910	+45·102	− 4	...	...
...	58·042	−29·165	− 1	...	...
...	+58·241	+36·383	− 4	...	...
...	59·105	− 0·235	− 2	*f*	...
*	59·187	+19·641	1·05	42.5493	9·8
...	59·429	+45·986	− 4	42.5492	10·6

1–60

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. s.	C.P.D. No.	C.P.D. Mag.
1					
†	−59·586	−44·183	−4	…	…
†	59·330	+14·369	−1	42.5489	10·4
	59·329	− 6·424	−4	…	…
	59·025	−11·798	−4	…	…
…	58·784	−25·081	−1	…	…
	−58·712	−51·304	−4	41.5542	10·2
…	57·965	−52·972	1·00	43.5541	10·0
.	57·893	−57·534	1·00	43.5542	9·6
…	57·719	− 9·515	−5	…	…
..	57·626	+21·913	−1	42.5490	10·6
11					
…	−57·439	− 9·735	−5	…	..
…	57·217	+46·279	−5	E	..
…	56·961	+ 0·781	−5	E	..
…	56·643	+31·197	−4	…	…
…	56·179	−41·016	0·95	43.5543	10·3
…	−55·899	−33·545	−3	…	…
…	55·602	−50·628	0·95	43.5545	10·2
†	55·326	+49·824	−1	42.5491	10·2
…	54·631	−32·730	−1	…	…
..	54·549	−15·408	−5	…	…
21					
..	−54·488	−58·452	−1	43.5546	10·2
	54·407	+14·207	−5	…	…
	54·398	+21·907	−5	M	…
*	54·372	+56·077	1·90	41.5546	9·1
.	54·012	+34·851	−5		…
…	−53·907	−52·910	−5		..
..	53·876	+24·445	−4		…
.	53·375	−24·219	0·75		…
	53·159	+45·164	−3		..
	53·009	−51·291	−5	…	…
31					
..	−52·581	+36·474	−4	…	…
…	51·656	+46·088	−4	42.5492	10·6
.	51·358	−36·843	−4	…	…
*	51·142	+19·767	1·00	42.5493	9·8
.	50·989	−38·596	−5	…	…
.	−50·974	−23·177	−5	…	..
…	50·825	−29·053	0·65	…	…
.	50·629	− 0·107	−3	F	.
…	50·396	+21·497	−4	…	.
*	49·555	+ 4·608	1·15	42.5494	9·6
41					
..	−49·411	+ 7·444	−4	…	..
…	48·890	− 3·257	−5	M	.
…	48·583	−14·744	−5	M	.
	48·455	− 0·702	−5	M	.
…	48·259	− 3·570	−5	M	…
	−48·090	− 6·097	−5	M	…
	48·035	+44·688	−1	42.5496	10·2
*	47·770	+12·170	1·20	42.5495	9·6
	47·634	−37·080	0·65	…	…
…	47·185	− 3·040	−5	M	.
51					
…	−47·134	+ 7·977	−5	.	…
	47·045	− 2·699	−3	.	.
	47·024	−19·994	−4	.	…
.	46·963	−27·975	−1	.	…
	46·618	+16·347	−4	M	..
…	−46·163	−15·609	−2	…	.
..	46·127	+33·386	−2	..	.
…	45·973	−14·448	−2	…	.
…	45·788	−36·767	−1	.	.
…	45·621	−16·337	−1	…	…

61–120

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. s.	C.P.D. No.	C.P.D. Mag.
61					
…	−45·581	−32·918	−5	.	…
…	45·528	−29·200	−1	…	…
*	45·239	−43·754	1·10	43.5549	9·6
..	44·508	− 1·151	−5	…	…
…	44·362	− 1·819	−5	M	…
…	−44·215	+ 0·817	−2	…	…
S *	43·757	− 1·930	1·60	42.5497	9·3
*	43·724	−13·663	1·00	…	…
…	43·708	−42·204	1·00	…	…
…	43·566	−13·087	−2	..	…
71					
S *	−42·971	+28·240	1·90	42.5498	9·0
…	41·917	+20·604	0·85	42.5499	10·6
…	41·861	− 3·984	−5	M	…
*	41·549	−12·698	1·10	43.5550	9·6
…	41·386	+23·170	−4	…	…
…	−40·977	− 4·222	−5	M	…
…	40·900	−45·308	−5	…	…
†	39·897	− 6·182	0·70	42.5500	10·6
.	39·624	+56·913	−2	41.5563	10·6
…	39·594	−29·446	−5	…	…
81					
..	−39·228	+ 9·902	−4	…	…
*	39·012	+28·794	1·50	42.5501	9·4
…	38·960	−32·031	−5	M	…
…	38·906	−17·088	−3	…	…
…	38·619	−45·046	−3	…	…
. .	−38·562	−40·209	1·00	43.5551	10·3
…	38·448	+22·569	−1	. .	…
…	38·418	−37·773	−5	…	…
S *	38·310	+ 9·635	1·90	42.5502	8·8
*	37·753	+23·495	0·90	42.5503	10·2
91					
…	−37·605	+ 0·774	−5	…	…
…	37·173	−49·108	−4	…	…
..	37·155	+ 2·012	−5	M	
…	37·034	+ 6·107	−4	…	…
*	36·958	+41·703	1·00	42.5504	10·0
…	−36·369	+ 9·009	−3	…	…
…	36·368	+48·195	−5	…	…
…	36·114	−51·407	−4	…	…
*	35·507	−37·452	1·05	43.5552	10·3
*	34·958	+56·184	1·20	41.5568	9·4
101					
…	−34·875	+ 1·883	−5	..	.
…	34·251	− 5·737	−2	…	.
…	34·214	−48·168	−5	.	.
.	33·032	+34·689	−3		
..	33·593	+27·617	0·90	42.5505	10·4
…	−33·420	−44·058	−5	M	…
…	33·149	−48·507	−4	…	…
..	33·110	+12·915	−5	…	…
*	33·021	+ 3·265	1·00	42.5506	10·0
..	33·016	−13·062	−5	M	…
111					
…	−32·923	−12·131	−4	…	…
.	32·838	+27·268	−4	…	…
…	32·758	−40·071	−4	A	…
…	32·597	+37·889	−1	42.5507	10·6
…	31·683	−21·852	−5	M	…
…	−31·111	+ 4·054	−5	M	…
*	30·762	−37·892	1·10	43.5553	9·8
…	30·753	− 9·274	−2	…	…
…	30·510	−40·207	−4	…	…
*	30·225	−20·473	0·95	43.5554	10·3

121–180

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. s.	C.P.D. No.	C.P.D. Mag.
121					
…	−30·120	+20·863	0·90	42.5508	10·4
*	30·032	−10·663	1·00	43.5555	10·0
..	29·884	+32·063	−5	M	…
†	29·835	−24·890	−5	M	…
…	29·248	−30·943	−2	…	…
*	−29·204	−24·707	1·05	43.5556	10·3
…	29·078	−24·337	−1	…	…
…	28·993	−16·963	−3	A	…
…	28·905	−44·304	−4	…	.
…	28·757	−24·053	−4	…	…
131					
S *	−28·598	−27·021	1·90	43.5557	8·8
	28·560	+24·670	−2	…	…
…	28·520	−11·101	−5	M	…
…	28·385	− 2·807	−3	A	…
..	28·190	+58·529	−5	…	..
…	−28·150	−38·798	−4	. .	…
…	27·866	−23·028	−3	…	. .
…	27·862	−53·409	−3	…	. .
…	27·781	−26·535	−5	M	…
…	27·545	+56·939	−3	…	…
141					
*	−27·222	+45·515	1·30	42.5509	9·8
…	27·140	−55·158	−4	…	…
..	26·735	−30·351	−4	…	…
…	26·725	+43·081	−4	…	…
…	26·668	+19·805	−1	42.5510	10·6
…	−26·628	+31·736	−1	…	…
…	26·623	+ 4·421	−5	M	…
..	26·508	+38·366	−5	M	…
. .	26·236	−21·457	1·00	…	…
…	26·099	+10·565	−1	…	…
151					
…	−26·077	+10·346	−3	…	…
…	26·005	+31·656	−5	M	…
†	25·979	−49·718	0·90	43.5558	10·3
…	25·834	+50·846	−4	A	…
…	25·589	−20·776	−3	…	…
…	−25·474	− 0·534	−2	A	…
…	25·311	−14·787	−4	M	…
.	25·111	+23·584	0·95	42.5511	10·2
…	24·929	+38·536	−4	…	…
…	24·873	+32·412	−2	…	.
161					
.	−24·547	−55·970	−4	…	..
…	24·501	−16·519	−4	M	..
…	23·765	−46·348	−5	M	…
. .	23·757	− 3·232	−5	M	.
.	23·715	+41·828	−3	…	. .
…	−23·505	−15·738	1·00	…	..
…	23·349	+34·405	0·80	42.5512	10·6
*	22·992	+10·128	1·10	42.5513	10·0
…	22·964	+59·506	−5	M	…
…	22·880	+49·053	−3	A	..
171					
…	−22·879	+38·848	−2	…	..
…	22·813	−17·429	0·85	…	…
	22·808	+ 2·152	−5	M	…
…	22·460	−49·598	−5	M	..
	22·345	−29·010	−3	…	…
…	−22·280	−10·703	−5	M	…
…	22·198	−24·041	−4	M	…
…	22·004	+36·509	−3	…	.
..	21·892	−41·171	−2	…	…
…	21·812	+33·010	−1	42.5514	10·6

L measured from 1, 2…
M… ,, … 123, 421.

181–240

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
181					
..	−21·759	− 7·704	− 5	M	...
...	21·594	−22·393	− 4	...	...
...	21·414	+26·490	− 5	M	...
...	21·282	+54·650	1·00	41.5580	10·2
..	21·011	−38·174	− 4	M	.
...	−20·889	−37·555	− 4	..	
...	20·872	+15·777	− 3	...	.
...	20·770	−13·339	− 5	M	...
...	20·757	+10·707	− 4	M	..
..	20·652	+ 3·459	− 5	M	
191					
...	−20·294	−40·218	− 2	...	...
...	19·727	+18·319	− 3	...	...
...	19·633	+15·414	− 4	M	...
...	19·553	+27·429	− 5	M	.
...	19·451	+15·256	− 3	A	...
...	−19·127	−54·400	− 3	...	...
...	18·862	+22·264	− 4	M	...
...	18·462	+ 0·897	− 5	M	
...	18·353	+45·885	− 5	M	..
...	18·171	−33·697	− 4	M	...
201					
...	−18·116	−35·930	0·80	...	...
*	18·037	−48·889	1·20	43.5561	10·0
...	17·700	− 2·794	0·80	42.5515	10·6
*	17·649	−51·500	1·40	43.5562	10·0
...	17·521	+27·037	− 3	...	...
...	−17·415	+59·438	− 5	...	...
...	17·308	+ 8·598	− 5	M	...
...	17·138	+14·859	− 5	M	...
...	17·003	−51·764	− 5	M	...
...	16·901	−10·687	− 3	...	...
211					
*	−16·497	−13·582	1·10	43.5563	10·2
...	16·391	+45·577	− 5	M	...
...	16·361	+ 9·394	− 4	M	...
...	16·354	+41·627	− 4	M	...
...	16·285	−52·913	− 5	M	...
...	−15·883	−28·651	− 5	M	..
...	15·564	+40·147	− 3	...	...
...	14·979	+34·415	− 5	M	...
...	14·761	+46·359	− 4	...	...
...	14·759	+ 6·418	− 5	M	...
221					
...	−14·684	−28·896	− 4	M	...
†	14·675	−34·878	− 3	A	...
...	14·240	−12·726	− 5	M	...
...	13·960	−43·838	− 4	M	...
...	13·924	−19·621	− 4	M	...
...	−13·907	−12·950	− 5	M	...
...	13·730	+50·358	0·90	42.5516	10·4
...	13·687	+53·807	− 4	...	...
...	13·683	−12·133	− 1	...	...
...	13·352	−17·713	− 5	M	...
231					
...	−13·088	−26·171	− 5	M	...
*	12·476	+39·747	1·10	42.5517	10·0
...	12·274	+24·103	− 4	M	...
*	11·842	+29·906	1·40	42.5519	9·8
...	11·825	−19·458	− 4	M	...
...	−11·818	−35·003	− 3	...	...
...	11·802	−46·038	− 5	M	...
*	11·719	+ 4·014	1·05	42.5518	10·4
...	11·505	+10·444	− 4	M	...
...	11·386	+10·493	− 3	A	...

241–300

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
241					
..	−11·317	−53·580	− 5	M	...
.	10·988	+24·422	− 4	...	
...	10·800	−16·311	− 4	M	...
..	10·794	+22·728	− 5	M	
..	10·674	− 0·558	− 2	A	
*	−10·360	+25·561	0·80	42.5520	10·4
...	10·232	−20·593	− 4	...	...
...	10·172	−41·308	− 4	M	...
...	10·143	−54·232	0·85	...	...
½	10·070	−32·934	1·60	43.5564	9·0
251					
	− 9·435	+43·001	− 4	...	...
...	9·359	+ 8·626	− 3	...	...
*	8·787	−55·991	1·20	43.5565	10·1
.	8·414	−10·342	− 2	...	
...	7·970	+34·030	− 4	M	
...	− 7·965	−49·156	0·85	...	..
...	7·957	−35·851	− 5	M	
...	7·923	+58·028	− 3	.	.
...	7·761	−37·706	0·80	...	
...	7·553	−55·649	− 5	M	
261					
...	− 7·445	−17·012	− 4	M	...
...	7·291	−31·753	− 4	M	.
..	7·262	+21·273	− 5	M	..
.	7·249	−39·628	0·95	...	...
...	7·136	− 1·872	− 5	M	..
*	− 6·864	+35·518	1·50	42.5521	9·6
...	6·730	+23·043	− 4	M	...
...	6·705	+41·618	− 4	M	...
...	6·663	−36·317	− 5	M	...
...	6·558	− 0·840	0·90	42.5522	10·2
271					
...	− 6·433	− 8·830	− 4	M	...
...	6·368	−24·322	− 5	M	...
...	6·320	+ 6·091	− 5	M	
...	6·320	−37·444	− 5	M	..
...	5·846	−20·492	− 5	M	...
..	− 5·775	−13·616	− 4	M	...
...	5·774	−56·944	− 5	M	...
*	5·744	+14·780	1·15	42.5523	10·0
...	5·500	−25·115	− 5	M	...
...	5·332	+29·405	− 4	M	...
281					
...	− 5·283	+18·441	− 5	M	..
..	4·409	+58·024	− 5	...	.
...	4·220	−11·325	− 5	M *m*	...
...	3·886	−44·150	− 4	M	...
...	3·723	+32·312	− 4	M *m*	...
...	− 3·717	+37·308	− 5	M *m*	.
...	3·409	+45·367	− 5	M *m*	...
...	3·135	−48·397	− 3	...	.
...	2·855	+26·257	− 1	...	...
...	2·790	−45·210	− 2	...	...
291					
...	− 2·378	− 8·873	0·75	43.5566	10·3
...	2·347	−20·772	− 4	M *m*	...
...	1·654	− 8·447	− 5	M *m*	...
S *	1·620	+35·961	1·25	42.5524	9·6
...	0·760	+33·704	− 3	..	...
...	− 0·719	−47·705	− 4	M *m*	...
...	0·504	−58·257	− 4	..	...
S *	− 0·160	−49·868	1·35	43.5567	9·4
...	+ 0·014	+33·819	0·65	42.5525	10·6
...	0·088	+55·139	− 2	41.5593	10·6

301–360

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
301					
...	+ 0·151	+34·050	0·70	42.5526	10·6
...	0·392	− 5·321	− 5	M *m*	...
...	0·535	+43·743	− 3	...	...
.	1·106	+50·703	− 5	M	...
	1·764	+59·665	− 4		...
	+ 1·899	−32·097	− 5	M	..
..	2·042	+51·690	− 5	M	...
...	2·203	+28·791	0·80	42.5527	10·6
...	2·242	+13·575	0·70	...	.
...	2·547	−43·210	− 5	M	..
311					
...	+ 2·805	+34·827	− 5	M *m*	...
...	2·805	−58·503	− 4	...	...
*	3·107	−37·295	1·05	43.5568	10·0
..	3·180	+46·589	0·75	42.5528	10·6
...	3·496	+22·216	− 5	M	...
..	+ 3·608	−27·189	− 5	M	...
*	3·652	−41·270	2·00	43.5569	9·0
...	4·470	+40·360	− 3	...	..
...	4·677	+22·724	− 5	...	...
...	5·011	− 3·573	− 3	*a*	..
321					
..	+ 5·382	−29·651	− 4	..	...
...	5·842	−44·238	− 4	...	..
...	6·013	+ 1·785	− 5	*m*	..
...	6·206	− 9·290	0·75	43.5570	10·3
.	6·803	+12·721	− 3	...	...
...	+ 6·847	−47·553	− 3	...	...
...	6·975	+11·194	− 1	...	...
..	7·181	+27·977	0·70	42.5529	10·6
...	7·392	+27·845	1·00	42.5530	10·2
*	7·715	−55·424	1·05	43.5572	10·0
331					
...	+ 8·575	−45·993	− 4	...	...
...	8·869	−25·640	0·90	...	...
...	8·878	−45·662	− 5	...	
..	9·025	+ 8·362	− 5	*m*	...
...	9·068	+26·673	0·90	42.5531	10·4
...	+ 9·260	+37·099	− 2	...	...
...	9·730	+44·227	− 4	...	...
..	10·188	+58·155	− 3	41.5600	10·6
*	10·249	−43·724	1·00	43.5573	10·2
...	10·361	+58·517	− 1	41.5601	10·0
341					
...	+10·494	+15·620	− 2	...	...
...	10·550	+50·189	0·95	42.5532	10·2
...	10·632	−59·476	− 1	43.5574	10·2
*	10·826	−29·387	1·00	43.5575	10·0
...	10·834	−14·454	− 5	*m*	...
...	+11·474	+38·089	− 4	...	...
.	11·528	−15·322	− 5	*m*	...
*	11·868	+11·295	1·00	42.5533	10·0
...	12·420	+31·860	− 5	...	...
...	12·494	+30·647	− 5	...	...
351					
...	+12·827	− 7·397	0·95	42.5534	10·2
S *	13·154	−22·623	4·00	43.5577	7·0
...	13·315	+47·064	− 2	...	...
...	13·323	+27·771	0·65	...	...
*	13·341	+36·592	0·95	42.5535	10·0
...	+14·359	−41·487	− 2	...	...
.	14·412	−41·270	− 5	*m*	...
...	14·415	+38·787	0·90	42.5536	10·4
S ½	14·817	+28·532	2·95	42.5537	7·8
†	14·929	−36·154	0·75	43.5578	10·2

361–420

Notes.	Co-ordinates.		Diam.	C.P.D.	
				No.	Mag.
361					
...	+15·011	−46·288	− 2	...	...
..	15·204	− 2·763	− 2	42·5538	10·6
...	15·21[illegible]	−57·57[illegible]	− 2	...	...
...	15·260	+54·658	− 4	41·5605	10·6
...	15·760	−50·363	− 5	.	..
	+15·830	+34·040	− 4	...	
..	15·851	+ 2·225	0·80	..	.
...	16·543	−47·158	− 3	...	...
S *	16·665	+59·082	1·30	41·5607	9·3
...	16·875	− 8·286	− 5	*m*	...
371					
...	+17·227	+23·388	− 5	*m*	...
...	17·538	+17·267	− 3	...	..
...	17·544	−46·695	− 2	...	...
..	17·756	+ 2·952	0·75	...	...
*	18·244	− 0·757	2·00	42·5539	8·8
...	+18·349	−22·743	− 4	...	...
...	18·595	−51·165	− 5	..	...
†	18·820	+10·081	− 2	...	..
...	18·861	+11·420	0·65	...	...
...	19·143	+48·442	− 5	..	...
381					
...	+19·156	−43·746	− 4	...	...
..	19·166	−11·404	0·80	...	...
*	19·299	−37·111	1·10	43·5579	10·0
...	19·392	−12·464	− 5	...	...
...	19·610	− 9·497	− 5	*m*	...
..	+20·103	−15·728	− 5	...	...
...	20·173	+ 6·750	− 5	*m*	...
*	20·525	−47·277	1·10	43·5580	10·0
.	21·485	−33·510	− 5	...	...
...	21·673	− 8·885	− 5	*m*	...
391					
*	+21·736	−24·141	2·00	43·5582	8·4
.	21·967	−38·763	− 5	...	...
	22·114	−36·890	− 5	...	...
..	22·203	−24·968	0·75		..
...	22·247	−22·209	− 4	.	...
..	+22·366	+33·658	− 4	..	...
...	22·750	−38·264	− 5	...	...
*	22·763	+22·904	1·10	42·5540	9·8
..	22·877	+ 4·79[illegible]	0·75	42·5541	10·6
...	24·437	+17·855	− 5	*m*	...
401					
.	+24·605	+50·387	− 5	...	...
...	24·705	+ 8·384	0·70	...	...
†	24·764	+32·075	0·80	42·5542	10·2
...	25·213	−26·861	− 3	...	...
...	25·735	−58·996	− 5	...	...
*	25·838	+11·095	0·90	42·5543	10·2
...	26·672	−18·248	0·70	.	..
	26·880	+15·725	− 4	.	.
	27·015	+56·385	− 5	..	...
	27·038	+32·116	− 5	.	..
411					
.	+27·[illegible]	−10·234	− 5	...	...
...	27·508	−21·214	− 5	.	..
...	27·709	+34·687	− 5	*m*	..
...	27·737	+57·171	− 5	...	...
...	28·138	+52·969	− 5	...	...
..	28·425	−12·421	− 5	*m*	...
†	28·545	−54·722	− 1	43·5584	10·6
...	28·993	−25·535	− 5	*m*	...
...	29·3[illegible]	+ 8·685	− 2	...	...
...	29·69[illegible]	−53·296	− 5	*m*	...

421–480

Notes.	Co-ordinates.		Diam.	C.P.D.	
				No.	Mag.
421					
..	+30·110	+47·424	− 5	..	..
...	30·335	+ 3·872	− 4	..	...
...	30·428	+36·997	− 4	*a*	...
.	30·597	−42·367	− 3	...	.
...	30·874	−38·958	− 3	...	...
.	+31·164	+23·874	− 1	.	...
.	31·433	+26·888	− 4	...	...
..	32·008	−46·337	− 3	..	...
...	32·030	−35·874	− 4	...	...
*	32·276	−12·330	1·10	43·5585	10·6
431					
...	+32·301	+47·209	− 5	...	...
†	32·381	− 9·798	− 5	...	...
...	32·686	+42·080	− 2	42·5544	10·6
*	33·399	+39·348	1·30	42·5545	10·0
..	33·471	+29·011	− 4	...	...
..	+33·834	+21·505	− 4	*a*	...
...	34·034	+28·755	0·85	42·5546	10·4
.	34·346	+ 0·969	− 5	*m*	...
...	34·521	+ 9·124	− 2	.	...
...	34·536	+20·587	− 4	...	...
441					
...	+34·911	+58·126	− 4	.	..
.	35·445	−31·901	− 4	...	..
...	35·691	− 0·041	− 3	*f*	...
*	35·896	+21·939	1·40	42·5547	9·8
...	36·009	+17·028	− 4	...	...
.	+36·026	+20·890	− 5	*m*	...
..	36·227	+46·281	− 5	*m*	...
...	36·375	+42·185	− 1	42·5548	10·6
...	36·774	+59·270	− 4	41·5621	10·6
...	37·049	+38·722	0·70	42·5549	10·6
451					
...	+37·098	+11·192	− 4	*m*	...
...	37·269	−39·107	0·90	43·5587	10·6
...	37·276	+47·333	− 4	...	.
..	37·486	−43·337	− 1	...	..
...	37·542	+54·301	− 4	...	.
...	+37·565	+41·586	− 4	...	...
...	37·683	+39·733	0·90	42·5551	10·6
...	37·894	+43·567	− 1	42·5550	10·6
...	38·001	−27·033	− 2	...	..
...	38·007	−28·932	− 5	*m*	...
461					
...	+38·309	+41·068	− 5	*m*	.
..	38·409	−44·011	− 5	...	...
..	38·419	+ 9·632	− 5	*m*	...
...	38·485	+54·202	− 3	41·5622	10·6
...	38·581	+18·913	− 2	...	...
...	+38·816	−25·053	− 5	...	.
.	38·874	+17·037	− 4	...	.
	38·880	+13·194	− 3	...	...
*	39·211	+11·699	1·20	42 5552	9·8
...	39·358	−14·012	− 5	...	...
471					
...	+39·615	+13·928	− 1	...	...
	39·656	+32·771	− 5	*m*	.
..	39·682	+25·714	− 4	...	...
...	39·912	+18·865	− 5	*m*	
.	40·357	+28·365	− 2	...	..
..	+40·413	−50·610	− 5	*m*	...
...	40·677	+15·223	− 4	...	
..	40·929	+ 2·354	− 5	*m*	
...	41·081	−36·837	− 3	...	...
...	41·399	+47·632	− 5	...	

481–540

Notes.	Co-ordinates.		Diam.	C.P.D.	
				No.	Mag.
481					
*	+41·604	−14·178	2·30	43·5589	7·8
..	41·843	+47·857	− 3	...	...
...	42·115	−51·445	− 5	...	...
S *	42·817	+46·385	2·00	42.5553	8·4
	43·137	−45·698	− 5	...	...
...	+43·209	+ 3·853	− 5	*m*	...
...	43·574	+47·445	− 3	...	...
...	43·846	− 8·759	0·80	...	...
...	43·978	−44·693	− 4	...	...
...	44·094	−18·674	− 5	*m*	...
491					
..	+44·226	+12·568	− 2	...	...
*	44·590	+10·082	1·00	42.5554	9·9
†	44·855	−32·794	0·65	...	...
...	44·863	+ 6·087	− 1	...	...
...	44·993	+ 2·642	− 4	...	...
...	+45·248	+ 5·891	− 4	*m*	...
..	45·597	−29·338	− 4	...	...
...	46·766	+ 9·289	− 2	..	...
*	47·369	−17·300	1·00	43.5590	10·6
...	47·492	+42·607	− 5	...	...
501					
..	+47·619	−28·951	1·00	43.5591	10·6
..	48·375	+55·879	− 4	...	...
...	48·527	− 9·316	− 2	...	...
...	48·626	− 6·134	0·70	...	...
*	48·638	−39·136	1·30	43·5592	10·0
..	+48·729	−11·754	− 5	*m*	...
...	49·131	−40·522	− 4	...	..
*	49·345	+33·273	1·30	42·5555	9·9
...	49·487	+36·117	− 4	...	..
...	49·503	−38·971	− 4	...	...
511					
†	+49·788	+30·076	1·40	42.5556	9·2
*	50·068	− 6·433	1·70	42.5557	8·8
...	50·214	+24·919	− 2	...	...
.	50·491	− 0·248	− 5	*m*	...
...	51·065	−43·034	− 2	...	...
...	+51·155	−13·396	− 4	...	...
...	51·645	+22·386	− 5	*m*	...
*	52·252	+31·897	1·50	42.5558	9·5
...	52·389	+14·670	− 3	...	...
S *	52·413	− 3·634	2·00	42.5559	8·2
521					
...	+52·625	−38·086	− 5	.	...
...	53·857	−15·324	− 4	...	..
...	53·936	+41·872	− 4		...
...	53·997	−25·677	− 4	...	..
...	54·267	+ 1·724	− 3	...	...
...	+54·076	+39·849	− 2	42.5560	10·2
...	54·264	+41·116	− 4	...	...
...	54·266	+42·661	0·95	42.5561	9·8
.	54·455	−29·940	− 4	*a*	...
...	55·074	+34·543	− 5	...	...
531					
S *	+55·121	+23·445	1·05	42.5562	9·6
	55·146	+ 4·710	− 5	*m*	...
...	55·469	−13·469	− 3	...	...
..	55·577	− 1·395	− 4	...	..
...	55·826	−22·489	− 2	...	...
S *	+56·211	−27·300	1·50	43.5594	9·2
	56·535	−59·358	− 5	...	...
†	56·904	+57·253	2·70	41.5633	8·6
*	57·[illegible]	+51·35[illegible]	1·20	41.5635	9·5
...	58·832	−48·110	0·80	43.5596	10·3

Notes.	Co-ordinates x.	Co-ordinates y.	Diam.	C.P.D. No.	C.P.D. Mag.
		541–543			
541					
...	+58·947	− 1·264	− 5	...	...
...	59·062	−43·186	− 4	...	...
...	59·635	+13·289	− 5	...	...

Notes.	Co-ordinates x.	Co-ordinates y.	Diam.	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates x.	Co-ordinates y.	Diam.	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates x.	Co-ordinates y.	Diam.	C.P.D. No.	C.P.D. Mag.
		1–40			
1					
†	−59·913	−39·307	− 1	43·5592	10·0
*	59·456	− 6·570	1·80	42·5557	8·8
...	58·406	+31·805	1·00	42·5558	9·5
...	57·779	+14·589	− 5	...	...
S *	57·188	− 3·710	2·15	42·5559	8·2
...	−56·856	+39·809	− 5	42·5560	10·2
...	56·738	+42·611	− 1	42·5561	9·8
S *	55·316	+23·445	1·00	42·5562	9·6
*	54·532	+57·285	2·50	41·5633	8·6
...	53·474	+51·414	− 1	41·5635	9·5
11					
...	−53·241	−22·448	− 4	...	...
S *	52·699	−27·246	1·50	43·5594	9·2
...	49·797	− 4·760	− 4	...	...
...	49·456	−47·962	− 1	43·5596	10·3
*	49·392	+36·502	1·15	42·5563	9·3
...	−49·386	−43·042	− 5	...	...
...	48·211	− 5·097	− 4	...	...
...	46·495	+32·491	− 4	42·5564	10·2
*	46·304	−57·525	2·50	43·5597	8·4
*	46·028	−43·812	1·20	43·5598	9·7
21					
...	−45·703	− 3·755	− 5	...	...
...	45·605	+ 7·577	− 5	...	...
S *	44·380	+46·860	1·00	42·5565	9·6
*	43·915	−43·029	1·20	43·5599	9·4
*	43·652	−23·253	1·30	43·5600	9·4
...	−43·138	− 5·260	− 1	42·5566	10·0
...	42·848	+53·153	− 4	41·5644	9·9
...	42·484	+ 8·345	− 5	...	...
...	41·644	−40·806	− 5	...	...
...	41·641	+27·849	1·00	42·5567	9·6
31					
...	−41·190	−28·818	− 3	43·5601	10·3
..	41·033	+42·693	− 5	...	...
...	41·002	−26·915	− 4	.	..
...	39·675	+ 9·153	− 5	.	
...	39·239	+10·978	− 5	...	...
...	−38·931	−12·860	− 5	43·5602	10·6
...	38·726	−10·539	− 4	...	...
*	38·632	+33·834	1·00	42·5568	9·6
...	38·435	−10·355	− 4	...	...
...	38·199	− 6·182	− 1	42·5569	10·0

Notes.	Co-ordinates x.	Co-ordinates y.	Diam.	C.P.D. No.	C.P.D. Mag.
		41–80			
41					
...	−37·749	−45·467	− 5	..	...
*	36·592	+37·727	1·10	42.5570	9·3
*	36·494	+23·144	1·00	42.5571	9·4
...	35·587	+35·727	− 5	...	...
.	35·195	+ 5·892	− 2	42.5572	10·2
...	−33·181	+19·785	0·65	42.5573	10·0
...	33·160	+56·354	− 4	41.5647	10·2
...	32·002	−27·455	− 5	...	...
...	31·588	−58·932	− 5	...	...
...	31·570	+17·825	− 3	42.5574	10·2
51					
...	−31·191	+24·292	0·95	42.5575	9·8
...	31·033	+42·307	− 2	42.5577	10·0
*	30·878	+ 6·738	1·70	42.5576	9·1
...	30·303	−18·619	1·00	43.5604	9·8
†	30·089	+47·320	− 5	...	...
...	−29·327	+ 1·247	0·80	42.5578	9·8
...	29·114	+ 3·383	− 5	...	..
...	28·564	−49·071	− 4	.	.
...	28·500	+39·114	− 4	...	.
...	28·420	+ 8·124	− 5	...	...
61					
..	−28·309	−42·032	− 4	...	..
...	26·851	+ 7·998	− 5	...	...
...	26·274	−35·385	− 4	43.5605	10·6
*	26·015	−22 274	1·05	43.5606	9·7
...	25·584	−58·434	− 5	...	...
...	−24·552	−47·272	− 1	43.5607	10·6
S ‡	24·551	− 9·884	2 95	43.5608	·5
..	24·401	+23·617	− 5	...	...
...	24·374	+49·410	− 4	...	...
..	24·322	+26·558	− 5	...	...
71					
...	−24·155	+45·277	0·70	42.5579	10·0
...	23·560	+30·140	0·95	42.5580	9·8
...	23·122	+48·958	− 5	...	...
...	21·289	−30·811	− 5	...	...
...	20·671	−24·339	0·65	43.5609	10·4
...	−20·016	+13·558	− 5	...	...
...	20·000	+33·834	− 5	...	...
...	19·975	+54·431	− 4	41.5650	10·2
...	19·507	−57·516	− 2	43.5610	10·4
...	19·471	+19·562	− 5	...	...

Notes.	Co-ordinates x.	Co-ordinates y.	Diam.	C.P.D. No.	C.P.D. Mag.
		81–120			
81					
*	−19·455	+ 3·036	1·10	42.5581	9·4
...	19·146	+11·197	− 3	...	...
...	17·946	−12·620	− 5	...	...
...	17·297	+32·341	− 3	42.5582	10·2
...	17·261	−31·523	0·90	43.5611	10·2
..	−16·496	+33·849	− 5	...	...
S *	16·426	+ 7·111	2·75	42.5583	8·0
..	16·234	−48·699	− 5	...	...
...	14·625	−16·968	− 4	43.5612	10·6
...	14·576	−23·015	− 5	...	...
91					
...	−14·088	−33·002	− 2	43.5613	10·6
*	13·218	+10·442	2·00	42.5584	8·8
*	12·935	−47·272	1·05	43.5615	9·9
*	12·876	− 5·307	2·00	42.5585	8·8
*	12·363	+ 2·469	1·80	42.5586	9·1
...	−10·954	+ 7·151	− 1	42.5587	9·9
..	9·719	−16·981	− 5	...	...
...	9·651	+31·896	− 5	...	...
...	9·616	+ 5·181	− 5	...	...
*	9·589	+ 6·346	1·00	42.5588	9·4
101					
...	− 8·773	−27·881	0·70	43.5616	10·0
*	8·411	−35·576	1·00	43.5617	9·7
*	8·237	+23·636	1·40	42.5589	9·1
...	7·026	− 9·966	− 5	...	...
...	6·724	+ 0·507	− 5	...	...
...	− 6·632	+45·383	− 5	...	...
...	5·953	−55·264	0·95	43.5618	10·0
...	5·641	−56·708	− 5	...	...
.	5·472	−34·304	− 5	A	...
. †	5·120	− 2·702	− 1	42.5590	9·8
111					
†	− 5·043	−54·255	− 1	43.5619	10·2
*	4·878	+26·216	1·20	42.5591	9·1
...	4·830	−55·020	− 5	...	...
...	4·310	− 2·781	1·00	42.5592	9·7
...	3·400	−47·836	− 5	...	...
−	3·300	+14·394	− 5	42.5593	10·2
..	2·296	−40·335	− 5	...	...
...	2·227	+45·942	− 1	42.5594	9·8
...	1·917	+ 8·236	− 3	42.5595	10·2
...	1·584	−27·129	− 5	43.5620	10·6

L measured from 1
MC .. .. 123.

121–170

Notes.	Co-ordinates. x.	y.	Diam. 5.	C.P.D. No.	Mag.
121					
.	− 1·027	+50·025	− 5	42.5596	10·2
.	− 0·477	− 6·901	− 4	*m*	...
...	+ 0·448	−34·941	− 4	...	...
...	0·620	+10·793	− 4	42.5597	10·2
...	2·020	− 5·041	− 2	42.5598	10·2
...	+ 2·021	+26·466	− 4	...	...
...	2·312	−43·316	− 4	...	...
...	2·571	+41·430	− 3	42.5602	10·2
*	2·808	+ 2·764	1·15	42.5600	9·8
...	2·832	− 0·783	− 3	42.5601	9·9
131					
...	+ 2·952	− 8·092	− 3	42.5599	10·2
.	4·503	−52·614	− 4	43.5622	10·6
...	6·035	−45·152	− 2	43.5623	10·6
...	6·261	−23·114	− 2	43.5624	10·6
*	6·381	+ 0·724	1·70	42.5603	9·2
...	+ 7·754	+15·332	− 3	...	...
.	7·975	+ 8·581	0·90	42.5604	9·8
...	7·984	−41·007	− 4	...	...
..	8·358	+59·264	− 2	41.5673	9·9
...	9·055	+22·656	− 4	...	...
141					
...	+ 9·454	−43·360	− 4	...	...
.	10·151	− 0·686	− 2	42.5605	9·8
...	10·357	+28·108	− 4	*c*	...
...	10·969	+15·795	− 4	..	...
...	10·971	+ 9·469	− 5	...	...
...	+11·243	− 8·057	− 4	...	...
...	11·703	−39·044	− 4	..	..
..	11·714	−24·834	− 4	...	..
...	12·660	+11·291	− 5	.	...
*	12·785	+51·204	1·20	42.5606	9·7
151					
S *	+12·977	+ 7·505	1·65	42.5607	9·1
*	13·236	+ 8·780	1·20	42.5608	9·4
...	14·660	−23·541	− 4	...	...
..	15·569	−35·626	0·90	43.5626	10·2
...	16·011	− 4·240	− 2	42.5609	9·8
..	+16·605	−52·069	− 4	...	...
...	17·037	+32·793	− 5	..	...
†	17·674	−54·802	− 5	...	...
	18·604	−59·621	− 4	43.5627	10·6
*	18·785	− 3·375	1·30	42.5610	9·6
161					
...	+20·563	−22·381	− 5	*a*	...
S *	21·062	−51·139	2·00	43.5628	8·6
...	22·469	−59·516	− 4	...	...
..	23·271	+56·098	− 2	41.5685	9·8
.	23·653	+ 1·743	− 4	...	...
*	+23·728	+32·296	1·15	42.5611	9·7
	24·662	+ 9·343	− 3	...	...
†	24·877	−37·382	− 5	...	...
...	24·976	+45·576	− 4	42.5612	10·2
*	25·021	+ 9·174	1·80	42.5613	9·0

171–220

Notes.	Co-ordinates. x.	y.	Diam. 5.	C.P.D. No.	Mag.
171					
...	+25·727	+ 9·003	− 4	...	...
...	26·801	+30·780	0·65	42.5614	10·0
..	27·724	− 1·201	− 5	*b*	...
*	27·826	−30·035	1·40	43.5630	9·8
...	28·110	+28·533	0·85	42.5615	9·8
S ‡	+29·726	+46·921	1·10	42.5616	9·2
*	30·013	−31·897	1·60	43.5631	9·5
*	30·113	−36·081	1·10	43.5632	10·0
*	30·242	−31·160	1·20	43.5633	9·8
...	30·412	+54·344	− 4	41.5689	10·2
181					
*	+30·459	+ 9·214	1·15	42.5618	9·5
...	30·551	+22·047	− 3	42.5617	10·2
S *	31·899	+12·996	1·95	42.5619	8·4
*	32·051	−20·763	1·40	43.5634	9·5
...	32·338	+54·818	− 4	41.5692	10·2
*	+32·508	− 4·416	1·05	42.5620	9·6
...	33·244	−56·560	− 5	43.5635	10·6
...	33·512	+25·922	− 4	...	..
...	33·943	+41·321	1·10	42.5621	9·6
...	33·985	+30·256	− 5	...	...
191					
...	+34·316	− 1·754	− 4	...	...
*	34·417	+30·183	1·60	42.5622	9·2
*	34·538	+53·365	1·10	41.5694	9·6
...	34·578	−31·689	− 5	*a*	...
...	34·884	− 8·228	− 4	*a*	...
...	+35·901	+53·814	− 5	...	...
..	36·059	+51·379	− 2	42.5623	9·9
.	36·372	− 7·617	− 3	42.5624	10·2
.	36·431	−44·286	− 2	43.5636	10·6
...	36·613	+49·085	− 5	...	...
201					
*	+36·639	−53·820	2·00	43.5637	9·2
*	36·753	+20·257	1·10	42.5625	9·7
...	37·124	− 5·270	− 5	*a*	...
...	38·221	+22·728	− 4	...	...
*	38·339	+ 5·445	1·30	42.5626	9·6
...	+38·439	− 4·221	0·95	42.5627	9·8
S *	39·372	−34·213	2·30	43.5638	8·0
...	39·384	− 4·470	− 5	*a*	...
...	39·577	−36·828	− 4	...	...
*	39·628	−33·922	1·80	43.5639	9·0
211					
...	+40·056	− 3·301	− 5	*a*	...
..	40·206	− 5·014	− 5	*a*	...
*	40·565	+41·245	1·10	42.5628	9·6
...	43·731	−37·264	− 4	43.5640	10·6
...	44·466	+21·536	− 3	42.5629	10·2
...	+45·081	− 5·366	− 2	...	...
...	45·428	−50·350	− 1	43.5643	10·3
...	45·631	−16·019	− 3	43.5642	10·6
.	46·158	+56·565	0·65	41.5707	9·7
*	46·579	−57·039	1·60	43.5645	9·5

221–249

Notes.	Co-ordinates. x.	y.	Diam. −5.	C.P.D. No.	Mag.
221					
...	+47·032	+16·957	− 2	42.5630	10·0
...	47·097	−25·981	− 4	*a*	...
..	47·100	−11·890	− 1	43.5644	10·6
...	47·147	−16·773	− 5	*a*	...
...	49·468	+17·493	− 5	...	...
...	+49·988	−33·693	− 5	...	...
...	50·549	− 7·777	− 4	..	...
...	50·664	+19·477	− 4	...	...
...	51·799	−23·993	− 1	43.5647	10·5
...	51·812	−13·640	0·65	43.5646	10·6
231					
..	+53·078	+30·510	− 4	42.5631	10·0
...	53·241	−54·793	− 5	...	...
...	53·243	− 3·445	− 2	42.5632	10·2
...	53·922	− 3·861	− 2	...	...
...	54·122	−28·589	− 1	43.5648	10·6
*	+54·179	−57·544	1·20	43.5649	9·6
...	54·195	+ 3·351	− 5	...	...
...	54·221	−25·522	− 4	...	...
...	55·269	+ 6·331	0·65	42.5633	10·0
*	55·395	−29·395	1·15	43.5651	10·0
241					
...	+55·942	+20·584	− 5	...	...
...	56·048	−15·163	− 3	...	...
...	56·115	−13·944	− 5	...	...
...	56·612	−10·034	− 2	43.5652	10·6
...	56·877	+28·257	− 3	42.5634	10·0
...	+57·210	−36·063	− 5	...	...
...	57·721	−38·695	− 4	...	...
*	59·535	−10·533	1·20	43.5653	10·0
...	59·540	+17·681	1·00	42.5636	9·8

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 5.	C.P.D. No.	C.P.D. Mag.
1–60					
1				°	
…	−59·636	+19·349	−4	…	…
…	58·944	− 7·888	−4	…	…
…	57·546	+30·451	−4	42.5631	10·0
…	57·494	−13·717	0·65	43.5646	10·6
…	57·203	−24·059	−2	43.5647	10·5
…	−56·372	− 3·474	−2	42.5632	10·2
†	55·701	− 3·870	−4	…	…
…	54·758	−28·583	−2	43.5648	10·6
…	54·731	−25·512	−4	…	…
…	54·649	+ 6·355	0·70	42.5633	10·0
11					
*.	−53·812	−57·522	1·20	43.5649	9·6
…	53·699	+28·316	0·70	42.5634	10·0
…	53·450	−29·353	0·90	43.5651	10·0
…	53·210	−15·105	−2	…	…
…	53·189	−13·884	−4	…	…
†	−52·806	− 9·961	−1	43.5652	10·6
…	51·206	+49·187	−4	42.5635	10·2
…	51·117	+47·101	−4	42.5637	10·2
…	50·845	−38·579	−4	…	…
…	50·727	+17·829	0·70	42.5636	9·8
21					
…	−49·876	−10·368	0·90	43.5653	10·0
…	49·777	+13·062	−4	…	…
…	49·578	+ 5·160	−4	…	…
…	49·328	+16·384	0·65	42.5638	10·2
*	48·913	−11·616	1·00	43.5654	9·9
…	−48·467	−11·761	−4	43.5655	10·6
…	47·985	−32·644	−2	43.5656	10·6
…	46·112	−36·166	0·65	43.5657	10·2
…	46·026	−23·306	−4	…	…
…	45·058	+38·947	−3	…	…
31					
…	−44·887	− 3·105	−4	A	…
…	44·806	−26·815	−4	43.5658	10·6
…	44·391	−51·513	0·70	43.5659	10·0
…	43·421	−42·527	−4	…	…
…	43·223	−51·980	−4	43.5660	10·6
…	−42·928	+25·898	0·65	42.5639	10·0
S *	42·173	−57·561	2·00	43.5661	8·4
…	42·104	−19·492	0·90	43.5662	10·0
…	41·693	−36·192	0·65	43.5663	10·2
†	40·864	+23·640	−1	…	…
41					
…	−40·531	+53·199	−4	…	…
…	40·141	+23·339	−4	…	…
…	40·000	+45·359	0·70	42.5640	9·8
…	39·113	+35·728	−2	42.5641	10·2
…	38·688	+ 4·456	−4	…	…
…	−37·753	−47·198	−1	43.5665	10·6
…	36·657	+10·690	0·70	…	…
*	36·594	−56·938	1·30	43.5666	9·4
…	36·574	−21·973	−4	A	…
…	35·819	+52·083	−4	41.5721	10·2
51					
…	−35·041	−37·042	−4	…	…
*	34·936	−42·565	1·20	43.5667	9·5
…	34·840	+33·486	−4	…	…
…	34·126	+42·032	−4	…	…
*	34·047	+42·369	1·25	42.5642	9·4
…	−33·716	−49·592	−3	43.5668	10·6
…	33·670	+26·134	−3	…	…
…	33·235	−25·363	−4	A	…
…	33·008	+50·784	−5	…	…
…	32·846	−22·269	−4	…	…
61–120					
61				°	
…	−32·756	+56·588	−4	…	…
…	32·330	+58·674	−3	41.5723	10·2
*	31·716	− 8·370	1·00	43.5669	10·0
*	31·460	+19·552	1·40	42.5643	8·9
…	31·322	+56·771	−1	41.5724	10·0
S *	−30·675	+18·481	2·70	42.5644	7·6
…	30·394	−24·231	−4	…	…
…	29·825	+54·071	0·70	41.5726	9·7
S *	29·571	−16·644	1·15	43.5670	9·6
*	29·562	+ 3·937	1·05	42.5645	9·3
71					
…	−29·033	−58·875	−5	…	…
…	28·798	−28·573	−3	…	…
…	26·676	−23·163	−3	…	…
…	26·398	+ 7·605	−3	42.5646	10·2
*	26·131	−23·236	1·00	43.5671	10·2
N †	−25·832	−36·298	−4	43.5672	10·4
*	24·609	−30·567	1·35	43.5673	9·2
*	24·251	−50·559	1·60	43.5674	9·0
…	24·005	−30·357	−4	43.5675	10·6
…	23·988	+46·294	−4	…	…
81					
…	−23·867	+21·385	−1	42.5647	10·0
…	23·199	−36·153	−2	43.5676	10·6
…	22·950	−37·875	0·90	43.5677	10·2
…	22·844	−41·509	−4	…	…
…	22·329	+18·759	−4	…	…
*	−22·157	+31·405	1·00	42.5648	9·7
…	20·229	−11·554	−4	A	…
…	19·989	+18·259	−4	…	…
*	19·431	+ 8·597	1·15	42.5649	9·5
*	18·738	−11·260	1·00	43.5679	10·0
91					
…	−18·593	−49·474	0·80	43.5678	10·3
…	18·430	−10·709	−4	…	…
…	17·888	+57·507	−4	41.5738	10·2
*	17·749	+ 1·271	1·00	42.5650	9·9
…	17·442	−10·100	−4	A	…
*	−17·248	−31·659	1·00	43.5680	10·0
*	16·645	−11·662	1·00	43.5681	9·9
*	16·198	+33·319	1·55	42.5651	8·6
*	15·487	+46·989	1·30	42.5652	9·0
*	14·084	+ 2·384	1·30	42.5653	9·2
101					
S *	−13·845	−46·100	4·38	43.5682	6·9
*	13·474	+52·993	1·10	41.5740	9·7
…	12·709	− 0·446	0·80	42.5654	9·8
…	11·461	+24·389	−4	…	…
…	10·512	+ 0·713	−2	42.5655	10·2
…	−10·366	+25·393	0·75	42.5656	9·8
…	10·051	−22·572	−3	43.5683	10·6
…	9·881	−10·437	−4	A	…
…	9·780	+42·846	0·65	42.5657	9·8
…	9·510	−16·171	−4	A	…
111					
S *	− 9·270	+43·100	2·25	42.5658	8·1
…	8·641	−39·032	−3	…	…
…	8·448	+20·164	0·75	42.5659	9·8
…	8·181	−35·974	−2	43.5684	10·6
…	7·753	+ 6·309	−4	…	…
…	− 7·424	−17·905	−4	A	…
…	6·935	−48·224	−1	43.5685	10·6
…	5·421	+23·195	−4	C	…
*	4·678	−11·093	1·20	43.5687	9·2
*	4·604	−58·901	1·20	43.5686	9·5
121–180					
121				°	
…	− 3·469	−45·007	−4	…	…
…	2·781	−21·856	−4	…	…
*	1·914	−16·673	1·30	43.5688	9·2
…	1·476	+47·709	−3	42.5660	10·2
*	1·367	− 0·523	1·00	42.5661	9·5
…	− 1·333	−59·504	−4	…	…
…	1·321	+38·435	0·90	42.5662	9·9
…	1·238	+52·369	−4	…	…
*	1·200	− 0·103	1·80	42.5663	8·8
…	1·001	−31·673	−3	43.5689	10·6
131					
†	− 0·886	+13·133	0·90	42.5664	9·7
…	+ 0·339	−32·706	−4	…	…
…	0·407	+38·303	−4	…	…
S *	0·783	+ 7·822	1·25	42.5665	9·2
…	1·699	−13·215	−3	43.5690	10·5
S *	+ 2·079	−18·861	1·45	43.5692	8·8
…	2·416	− 8·839	−4	43.5693	10·6
…	3·121	+37·680	0·70	42.5666	9·9
…	3·256	−41·158	−3	43.5694	10·5
…	3·730	+ 4·550	−4	M	…
141					
…	+ 4·756	−53·219	−2	43.5695	10·5
…	5·492	+58·277	−4	…	…
S *	6·420	+30·132	1·10	42.5667	9·3
†	7·968	+49·951	0·90	42.5668	9·5
…	7·980	− 6·773	−2	42.5669	10·0
†	+ 9·029	−49·687	0·85	43.5696	9·9
…	9·650	+52·921	−4	…	…
*	11·284	− 3·417	1·05	42.5670	9·7
…	11·306	+51·240	−4	…	…
…	11·321	+12·591	−4	…	…
151					
†	+11·334	+20·069	−4	…	…
…	12·068	−19·435	−4	43.5697	10·6
…	12·073	−15·144	−4	43.5698	10·6
*	13·547	−43·533	3·70	43.5699	7·6
…	14·892	+37·137	−4	…	…
…	+14·940	+38·997	−4	…	…
…	15·151	−53·467	−4	…	…
…	17·202	−19·487	0·90	43.5700	10·2
…	17·266	−14·127	−4	…	…
…	17·406	−41·018	−4	…	…
161					
…	+17·442	−55·717	0·65	43.5701	10·6
…	18·484	+44·620	−4	…	…
…	18·634	−13·453	0·85	43.5702	10·4
…	18·676	+13·469	0·70	42.5671	9·9
…	20·296	+ 6·851	−4	…	…
…	+20·790	+ 5·871	−4	…	…
…	21·545	−20·735	−4	…	…
…	21·626	−14·363	0·80	43.5703	10·2
…	23·650	−12·265	−3	…	…
…	23·732	+50·781	−4	42.5672	10·2
171					
S *	+24·433	−26·669	1·90	43.5705	8·4
…	24·591	−56·081	−2	43.5706	10·6
…	24·808	− 0·184	−4	a	…
…	24·936	+36·603	−4	42.5673	10·2
…	25·884	+11·688	0·70	42.5674	10·0
‡	+26·355	−19·737	1·00	43.5707	10·0
…	26·385	−46·040	−1	43.5708	10·4
…	26·654	+ 5·438	−4	…	…
*	27·456	+36·109	1·20	42.5675	9·3
…	27·669	+18·702	−1	42.5676	9·8

CH measured from 1, 43, 87, 131, 185.
S ,, ,, 20, 66.
B ,, ,, 105, 155, 211.

76. Mass. 44°·73, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
181–200					
181				°	
*	+28·129	+36·646	1·00	42.5677	9·7
...	28·608	−36·808	− 3	43.5709	10·6
...	28·837	+17·054	0·65	42.5678	9·8
...	28·853	−37·923	0·70	43.5710	10·5
...	29·176	+18·493	0·85	42.5679	9·8
...	+29·844	+ 7·131	− 4	...	...
...	30·970	+52·469	− 4	...	...
...	31·259	− 8·549	− 4	...	...
...	31·429	+11·162	− 4	...	...
...	31·547	+16·157	− 4	...	...
191					
...	+32·265	+54·107	− 5	...	...
...	33·468	−25·106	− 4	...	...
...	33·556	+59·104	− 4	...	...
...	33·700	−21·447	0·75	43.5711	10·4
†	33·900	+33·872	− 3	42.5680	9·8
S *	+34·544	+36·117	1·13	42.5681	9·2
...	35·381	−32·348	− 4	...	...
...	35·633	+25·237	− 4	...	...
*	36·182	−33·023	1·20	43.5714	9·9
...	37·693	−45·757	− 4	43.5715	10·6
201–220					
201				°	
...	+37·755	−19·901	− 4	...	...
...	37·929	+14·023	− 4	...	...
...	38·077	+35·926	− 3	42.5682	10·0
...	38·118	+ 6·500	− 3	42.5683	10·2
...	39·292	+ 2·744	− 4	...	...
...	+39·430	+37·503	− 4	42.5684	10·0
...	40·148	−52·549	− 2	43.5717	10·0
*	40·806	− 9·095	1·50	43.5718	9·0
...	43·556	+59·299	− 4	41.5764	10·2
...	43·765	+ 2·718	− 4	...	...
211					
†	+44·086	−49·128	− 3	43.5719	10·5
...	45·246	−29·906	− 4	...	...
...	45·873	−24·102	− 4	...	...
...	46·407	− 4·399	− 4	...	...
*	46·808	−32·953	1·45	43.5720	9·0
...	+46·971	+ 3·631	− 4	...	...
...	47·610	+56·909	− 4	41.5769	10·2
†	48·035	−49·605	− 4	43.5721	10·4
*	48·646	−25·146	1·00	43.5722	10·2
S *	48·780	−47·165	2·00	43.5723	8·3
221–240					
221				°	
†	+49·201	+45·004	− 4	...	...
...	49·477	+47·031	− 4	42.5685	10·2
*	49·800	−56·255	1·40	43.5724	9·4
...	50·300	+37·423	0·65	42.5686	9·8
S *	50·340	−33·690	2·10	43.5725	8·0
...	+51·090	− 7·340	− 4	...	...
...	51·310	−13·990	0·75	43.5726	10·5
...	51·398	+31·131	− 4	...	...
...	51·743	+51·337	− 4	42.5687	9·9
...	51·832	− 0·580	− 3	42.5688	10·2
231					
...	+52·084	− 0·963	− 1	42.5689	10·0
...	53·060	+46·485	− 5	42.5690	10·0
...	53·088	− 8·229	0·90	42.5692	9·8
...	53·096	−29·268	− 4	...	...
...	53·351	+20·394	0·75	42.5691	9·7
...	+53·440	−27·784	− 1	43.5727	10·6
...	53·509	+26·389	− 4	...	...
...	56·787	+ 6·597	− 4	...	...
...	57·469	+ 2·067	0·90	42.5693	9·7
†	58·837	− 6·976	− 4	42.5695	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
1–30					
1				°	
S *	−59·534	−47·321	1·90	43.5723	8·3
...	59·507	+51·214	− 4	42.5687	9·9
...	59·265	+31·006	− 5	...	...
...	58·432	− 7·446	− 4	...	...
S *	58·376	−33·805	2·00	43.5725	8·0
*	−58·251	−56·380	1·40	43.5724	9·4
...	58·065	+46·412	− 5	42.5690	10·0
...	58·010	−14·087	0·65	43.5726	10·5
...	57·881	− 0·678	− 4	42.5688	10·2
...	57·622	− 1·050	− 3	42.5689	10·0
11					
...	−56·999	+26·333	− 4	...	...
...	56·988	+20·335	0·70	42.5691	9·7
...	56·395	− 8·274	0·80	42.5692	9·8
...	55·772	−29·302	− 4	...	...
...	55·464	−27·815	− 2	43.5727	10·6
...	−54·734	− 7·904	− 5	A	...
...	53·137	+ 6·662	− 4	...	...
...	52·325	+ 2·149	0·85	42.5693	9·7
...	51·698	+11·980	− 4	...	...
...	51·627	+30·694	0·70	42.5694	9·6
21					
...	−51·326	+ 3·894	− 4	...	...
...	50·700	+21·221	0·90	42.5696	9·5
...	50·682	− 6·849	− 2	42.5695	10·2
...	49·401	+29·623	− 5	...	...
...	49·246	+57·501	− 5	41.5779	10·2
...	−47·982	+53·961	− 5	...	...
...	47·861	−45·706	− 5	A	...
...	47·748	−35·615	0·90	43.5730	9·9
S *	47·614	+13·192	1·30	42.5697	9·1
...	47·135	+49·767	− 5	...	...
31–60					
31				°	
...	−47·061	−43·644	0·70	43.5731	10·2
S *	46·992	− 0·632	1·40	42.5698	8·7
...	46·697	−43·598	− 1	43.5732	10·2
...	46·359	−23·371	0·65	43.5733	10·3
...	46·323	+ 7·877	− 5	...	...
...	−45·935	−38·967	− 5	A	...
...	45·657	−17·483	− 4	...	...
S *	44·718	+56·826	1·60	41.5784	9·0
...	43·215	−58·279	− 4	...	...
...	42·974	+43·850	0·70	42.5699	9·8
41					
...	−42·335	+33·176	− 5	...	...
...	42·228	+ 3·937	− 5	...	...
...	41·686	−44·146	− 1	...	...
...	41·619	+28·561	− 5	...	...
...	39·485	−17·014	0·90	43.5735	10·0
...	−39·449	−28·219	− 5	A	...
...	38·813	+22·468	0·80	42.5700	10·0
...	38·562	−21·480	− 4	...	...
...	38·446	−14·511	− 5	A	...
...	37·886	−43·468	0·70	43.5736	10·4
51					
..	−37·766	−10·821	0·70	43.5737	10·6
...	37·615	− 4·138	− 3	...	...
...	37·196	+32·314	− 5	...	...
...	37·168	+43·554	− 5	...	...
...	36·846	− 0·063	− 5	β	...
...	−36·410	+35·258	− 5	...	...
...	35·972	+56·682	− 5	41.5795	10·2
...	35·914	−14·292	0·70	43.5739	10·6
...	35·379	− 0·527	0·65	42.5701	10·2
...	34·034	−24·446	− 4	...	...
61 90					
61				°	
...	−33·845	−36·512	− 4	...	...
...	33·523	+ 6·475	0·90	42.5702	9·6
...	33·131	+ 7·199	0·70	42.5703	9·8
...	33·092	−46·788	0·75	43.5740	10·4
...	32·895	+12·431	− 5	...	...
...	−32·588	−35·904	− 4	...	...
...	32·585	−42·406	− 1	...	...
S *	31·712	+50·755	1·30	42.5704	9·2
...	31·680	+ 3·341	− 4	...	...
*	31·111	−21·082	0·90	43.5741	10·2
71					
...	−30·879	+37·341	0·70	42.5705	9·8
...	30·864	+33·737	− 5	...	...
*	30·346	+35·794	1·45	42.5706	8·5
...	30·326	+35·636	− 5	...	...
...	30·195	+53·584	− 5	...	...
...	−29·015	−47·651	0·70	43.5742	10·2
...	28·000	− 3·955	0·90	42.5707	9·5
...	27·809	+13·762	− 4	42.5708	10·2
...	27·256	−13·095	− 5	A	...
...	27·182	+59·343	− 4	41.5804	9·9
81					
...	−27·149	+40·947	0·80	42.5709	9·7
...	26·716	+14·533	0·80	42.5710	9·6
...	26·683	+35·139	− 5	...	...
...	26·407	+41·881	− 5	...	...
...	25·789	+21·707	− 5	...	...
...	−25·716	+25·512	− 5	...	...
...	25·616	−39·436	− 3	43.5743	10·5
...	25·580	−28·043	− 3	...	...
...	24·924	−13·811	− 5	A	...
...	24·602	+52·676	− 5	...	...

CH measured from 1, 76, 153, 224.
B ,, ,, 38, 114, 193, 259.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
91–150					
91				°	
...	−24·482	−33·424	−4	...	...
*	23·821	−45·586	1·20	43·5744	9·6
...	23·623	+38·495	0·80	42·5711	9·7
...	23·172	+47·223	−5	...	...
...	22·920	+ 2·470	−5	...	...
...	−22·479	+18·925	0·70	42·5712	9·8
...	22·386	− 6·079	−5	A	...
...	21·583	+23·858	−5	...	...
*	21·113	+36·183	1·80	42·5714	8·0
...	21·021	−24·547	−5	A	...
101					
...	−20·988	+ 3·931	0·80	42·5713	9·7
...	20·757	−21·196	−3	...	...
N	20·657	+48·517	−4	42·5715	10·0
†	20·035	−43·148	−3	43·5746	10·6
S *	18·787	+29·598	1·80	42·5716	8·4
...	−18·498	−29·007	0·80	43·5747	10·2
S *	18·228	−35·361	1·80	43·5748	8·5
...	18·153	−13·349	−4	...	...
...	17·191	+53·852	−4	41·5810	10·0
...	16·991	+57·392	−5	...	...
111					
*	−16·353	+31·879	1·20	42·5717	9·0
...	15·690	+19·440	−1	42·5718	10·0
...	15·563	−50·038	−5	...	...
...	14·067	−26·700	−5	A	...
...	13·980	− 8·352	−4	43·5749	10·4
...	−13·569	+12·907	−5	A	...
...	12·625	+15·372	−3	42·5719	10·2
...	12·109	+36·538	−5	...	...
...	10·013	+43·822	−5	42·5720	10·4
...	9·878	+12·155	−3	42·5721	10·2
121					
...	− 9·367	−33·921	−5	...	...
...	8·973	−36·334	−1	43·5751	10·3
...	8·861	+56·218	−4	41·5815	10·2
...	8·742	+ 5·350	−2	42·5722	10·4
...	8·153	+21·749	−4	...	...
...	− 7·796	+ 3·263	−3	...	...
...	7·515	+52·997	−5	...	...
...	7·172	+ 1·403	−2	42·5723	10·2
...	6·879	+ 3·939	−5	...	...
*	6·781	−45·402	1·00	43·5752	10·3
131					
...	− 6·779	+59·230	0·90	41·5817	9·7
...	6·728	−40·102	−2	...	...
...	6·675	−36·300	−5	...	...
...	6·149	+ 1·800	−4	A	...
...	6·126	+ 4·915	1·00	42·5725	9·8
...	− 6·122	− 3·293	−2	42·5724	10·3
N	5·924	+52·869	−5	A	...
...	5·894	−32·836	0·80	43·5753	10·2
...	5·278	−29·174	0·80	43·5754	10·3
...	5·274	+12·652	−5	C	...
141					
...	− 4·622	−57·004	−4	...	...
...	3·965	+ 5·299	−4	*m*	...
*	3·953	−26·552	1·15	43·5755	9·6
...	3·414	+35·240	−5	*m*	...
...	3·361	−29·473	−3	...	...
...	− 3·289	+19·533	−5	*m*	...
...	2·737	+51·358	−4	...	...
...	2·699	−30·296	1·00	43·5756	10·0
...	2·629	− 4·054	−3	A *m*	...
...	2·331	−41·278	0·70	43·5757	10·6
151–210					
151				°	
...	− 0·971	+ 2·697	−4	*m*	...
...	0·676	−37·754	−2	43·5758	10·6
†	− 0·044	−40·330	−4	...	...
...	+ 0·183	−58·371	0·80	...	...
...	0·369	+57·729	−4	41·5825	10·3
...	+ 1·212	+10·216	−3	42·5726	10·1
...	1·331	−10·184	−5	B *m*	...
...	1·647	−45·951	−1	43·5759	10·4
...	1·683	+34·229	−4	...	...
S ‡	1·990	+34·935	1·25	42·5727	9·1
161					
...	+ 2·985	+14·073	−3	42·5728	10·4
...	3·473	+46·258	−2	42·5729	10·0
...	4·184	−58·057	−3	43·5760	10·6
...	4·718	+27·464	−2	42·5730	9·8
...	5·037	+47·385	−5	...	...
..	+ 5·397	+27·246	−5	*a*	...
...	5·424	+ 6·135	0·80	42·5731	9·8
...	5·766	+ 1·271	−5	*a*	...
...	6·324	−55·468	−2	...	...
...	7·402	−26·433	0·80	43·5762	10·2
171					
...	+ 7·655	−20·840	−5	*a*	...
...	7·747	+16·744	−5	*a*	...
...	8·043	−20·137	−5	*b*	...
...	8·274	−29·396	−5	...	...
...	8·684	−35·831	−5	*a*	...
...	+ 8·836	−21·295	−3	...	...
*	9·216	+59·582	3·40	41·5832	7·5
...	9·613	− 8·213	−5	*b*	...
...	10·180	−33·394	−3	43·5764	10·6
...	10·658	−13·456	−5	...	...
181					
...	+10·875	+50·286	−2	42·5732	10·0
†	11·461	−24·775	−3	43·5765	10·4
...	11·545	+30·727	−2	42·5733	10·0
...	11·932	−55·972	−5	...	...
...	12·635	+ 6·150	−5	*a*	...
...	+12·680	−15·706	−2	43·5766	10·6
...	12·912	−11·799	−5	...	...
*	13·502	−42·836	2·20	43·5767	8·0
...	13·826	+ 9·928	−5	*a*	...
...	13·962	+ 5·291	−5	*a*	...
191					
...	+14·255	−23·146	−5	*a*	...
...	14·576	−23·119	−4	*a*	...
...	15·305	−16·454	0·70	...	...
...	16·016	+30·810	−4	...	...
...	16·208	−36·106	−4	...	...
...	+16·401	+19·880	−5	...	...
...	16·996	+31·743	−5	...	...
...	17·487	+32·889	−4	42·5734	10·4
...	17·542	+ 8·201	−5	*a*	...
...	18·012	−33·014	−4	...	...
201					
N	+18·038	+43·611	0·90	42·5735	9·4
N	18·067	+43·563	0·70		
...	18·516	−38·949	−5	...	...
...	18·677	+38·208	−2	42·5736	10·0
...	19·575	+38·263	−5	...	...
...	+20·042	+ 6·536	0·70	42·5737	10·0
†	21·388	−19·770	0·70	43·5768	9·8
...	21·804	+49·654	−5	...	...
...	22·039	+34·623	−5	...	...
...	22·054	−38·930	1·00	43·5769	9·8
211–270					
211				°	
...	+22·104	−22·952	−3	...	...
S *	22·750	+ 5·376	2·00	42·5738	8·0
...	24·383	−55·085	−5	*a*	..
...	24·564	−43·649	−5	...	...
‡	26·444	−49·658	1·40	43·5770	8·8
...	+27·133	−42·353	0·70	...	...
...	27·524	+27·408	1·00	42·5740	9·7
...	27·540	−23·475	0·65	...	...
...	27·589	+42·209	1·00	42·5739	9·8
...	28·105	−52·205	0·90	43·5771	9·8
221					
...	+28·787	+53·239	−5	41·5846	10·4
...	29·450	+41·187	1·00	42·5741	9·8
...	29·557	+12·506	−5	*a*	...
...	30·391	−33·997	−1	...	...
...	30·566	+ 5·201	−3	42·5742	10·2
...	+30·988	+51·973	−5	41·5847	10·4
...	32·123	−22·364	−5	*a*	...
...	32·319	−25·114	−3	...	...
...	33·055	+57·946	0·85	41·5848	9·6
...	33·454	−15·707	−5	...	...
231					
...	+33·533	+35·461	−5	...	...
...	33·764	+53·630	−5	41·5849	10·2
...	33·848	−34·060	−4	...	...
S *	34·010	−46·105	1·53	43·5773	8·8
...	34·547	−38·276	−4	...	...
...	+34·619	−43·340	−5	...	...
...	35·279	+58·477	−5	41·5851	10·4
*	35·983	−22·038	1·20	43·5775	9·4
...	36·373	− 0·702	0·65	42·5744	10·0
...	36·477	+12·410	0·70	42·5743	9·8
241					
...	+37·022	+16·584	−2	42·5745	10·3
...	38·044	−31·384	−2	...	...
...	38·990	+ 8·461	−4	...	...
...	39·236	+44·126	−2	42·5746	10·0
...	39·871	+46·273	−5	...	...
S *	+40·239	+49·253	1·45	42·5747	9·0
...	40·550	−17·087	−1	...	...
...	40·582	− 1·752	0·65	42·5748	10·2
...	40·938	+13·287	−5	...	...
..	41·234	−29·524	−5	...	...
251					
...	+42·110	−27·011	−5	...	...
...	42·111	−11·927	−5	*a*	...
...	42·119	+29·045	−5	...	...
...	42·208	−46·831	−5	...	...
...	43·009	+16·401	−1	42·5749	10·2
...	+43·917	−21·637	−2	...	...
...	43·993	+46·176	−4	42·5750	10·0
...	44·552	−25·753	−5	...	...
†	44·869	−31·032	−3	...	...
...	44·916	+40·175	0·85	42·5751	9·8
261					
...	+45·287	+48·973	−4	42·5752	10·0
...	46·960	−35·804	−4	...	...
...	47·031	−13·448	−5	*a*	...
...	47·191	−14·230	−4	*a*	...
...	47·858	+18·787	−4	...	...
...	+48·309	− 1·063	−4	*a*	..
...	48·567	+25·185	−5	...	...
†	48·833	−49·655	−4	...	...
...	49·074	+19·357	0·80	42·5753	9·8
...	49·363	−55·776	−5	...	...

103. Mass. 42°·74, two stars.

137. 42°·74, obscured by réseau.

201, 202. 42°·75, Mass.

271–280

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
271					
S *	+49′380	−27′629	1·35	43·5777	9·0
...	49·990	−25·748	− 3	...	...
...	50·530	+12·647	− 5	...	...
...	50·559	+32·840	− 1	42·5754	9·8
...	50·687	− 9·636	− 1	43·5778	10·2
...	+51·042	+18·837	− 5	42·5755	10·4
...	51·461	−44·600	0·70	43·5780	9·8
S *	51·766	+30·486	1·20	42·5756	9·3
...	52·072	−55·731	0·80	43·5782	9·4
*	52·344	−27·204	1·20	43·5781	9·2

281–290

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
281					
...	+52′381	−18′370	0·70	...	...
‡	54·669	+44·861	1·30	42·5757	9·2
...	56·474	+17·892	− 5	...	...
...	56·555	− 1·303	− 5	...	...
...	56·828	−22·590	− 5	...	...
...	+56·999	+52·201	− 5	41·5870	10·1
...	57·044	−34·450	− 4	...	...
...	57·389	−34·392	− 5	...	...
...	57·871	−15·228	− 5	...	...
...	57·961	+ 5·839	− 2	42·5758	10·2

291–293

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
291					
...	+58′256	+51′580	− 5	41·5872	10·3
S *	58·950	+ 6·035	1·43	42·5759	9·1
...	59·631	− 6·993	1·00	42·5760	9·4

1–40

1					
...	−59′581	+12′515	− 5	...	...
S *	59·509	−27·781	1·45	43·5777	9·0
...	59·401	−49·817	− 5	...	...
...	59·246	+18·718	− 5	42·5755	10·4
...	58·971	−25·874	− 5	...	...
S *	−58·869	+30·386	1·10	42·5756	9·3
...	58·745	− 9·743	0·65	43·5778	10·2
...	58·695	−55·912	− 5	...	...
...	56·934	−44·675	0·65	43·5780	9·8
...	56·808	−18·425	0·65	...	...
11					
*	−56·577	−27·266	1·25	43·5781	9·2
‡	56·407	+44·849	1·10	42·5757	9·2
...	55·987	−55·785	0·80	43·5782	9·4
...	54·280	+52·242	− 5	41·5870	10·1
...	53·143	− 1·252	− 5	...	...
...	−53·007	+51·657	− 4	41·5872	10·3
...	52·245	−22·519	− 5	...	...
...	51·947	+ 5·934	0·80	42·5758	10·2
...	51·671	−34·355	− 4	...	...
...	51·328	−34·296	− 5	...	...
21					
S *	−50·970	+ 6·163	1·25	42·5759	9·1
...	50·418	+30·055	− 5	42·5761	10·4
...	50·096	+21·532	− 5	...	...
S ‡	49·928	+43·285	1·40	42·5762	9·0
‡	49·881	− 6·838	1·15	42·5760	9·4
...	−49·732	+11·873	− 2	42·5763	10·2
...	48·569	−46·643	− 5	...	...
...	48·481	+ 9·759	− 4	42·5764	10·3
*	48·179	+13·461	1·10	42·5765	9·4
...	47·573	+47·051	− 3	42·5766	10·4
31					
..	−47·178	+ 2·844	− 5	A	...
...	46·455	− 6·200	− 3	...	...
...	46·397	− 1·321	− 5	B	...
*	46·036	−28·944	1·15	43·5783	9·8
...	45·698	+50·435	− 5	42·5768	10·4
...	−45·512	−46·791	− 4	...	...
...	45·411	+13·413	− 4	42·5767	10·4
...	45·303	−23·773	− 3	...	...
*	43·886	+48·445	1·25	42·5769	9·2
...	43·570	−41·078	− 5	A	...

41–80

41					
...	−43′420	−42′824	0·90	43·5785	9·6
...	43·272	−16·559	− 1	...	...
S *	42·922	+17·349	1·18	42·5770	9·2
...	42·390	+59·502	− 5	41·5880	10·2
...	41·880	− 9·874	0·70	43·5786	9·8
...	−41·818	+23·627	− 5	...	...
...	41·574	+ 7·780	− 3	42·5771	10·4
...	40·257	−28·144	− 4	...	...
...	38·243	+55·486	− 4	...	...
S *	38·155	−56·174	2·23	43·5788	8·0
51					
...	−37·846	+25·038	− 4	42·5772	10·4
...	37·747	−12·768	− 5	...	...
S *	37·446	− 9·694	1·10	43·5789	9·5
...	36·775	−50·628	− 4	...	...
*	36·622	+10·634	1·10	42·5773	9·3
...	−33·824	−35·465	− 5	...	...
*	33·551	−29·723	1·00	43·5790	9·6
...	33·472	+44·106	− 5	42·5774	10·3
...	33·427	−31·032	0·80	43·5791	9·8
...	32·693	−49·230	− 5	...	...
61					
...	−31·904	+46·762	− 3	42·5775	10·4
...	31·837	−23·754	0·70	...	...
...	31·535	+59·372	− 4	41·5890	10·3
...	31·523	+14·113	0·85	42·5776	9·8
...	31·163	−17·443	0·75	43·5792	9·8
...	−31·144	+ 2·879	0·80	42·5777	10·0
...	30·880	+33·744	0·70	42·5779	10·0
...	30·816	+ 3·839	− 5	42·5778	10·3
...	29·951	+48·271	− 5	42·5780	10·1
...	29·803	−39·309	− 5	...	...
71					
...	−29·627	+55·930	− 4	41·5893	9·8
...	28·125	+27·234	− 4	42·5781	10·2
...	27·832	+31·966	− 5	...	...
...	27·450	− 8·274	− 5	...	...
...	27·406	−10·823	− 5	...	...
...	−26·564	− 2·517	− 4	...	...
...	26·446	−34·688	0·80	...	...
...	26·075	+42·894	− 4	...	...
*	25·261	+13·722	1·20	42·5782	9·3
†	25·102	+24·012	− 4	...	...

81–120

81					
...	−24′713	−12′316	− 1	...	...
...	24·585	+12·191	− 5	...	...
...	24·457	+32·354	− 5	42·5783	10·4
...	24·197	−30·521	− 5	A	...
*	24·001	−13·860	1·10	43·5794	9·5
...	−23·831	+24·693	− 5	42·5784	10·2
...	23·448	+30·151	− 5	42·5785	10·2
...	22·803	+24·741	− 5	42·5787	10·2
*	22·760	+10·037	1·25	42·5786	9·0
...	22·395	−36·212	0·70	...	...
91					
...	−22·130	+38·899	− 5	42·5788	10·4
...	21·027	+35·573	0·80	42·5789	10·0
...	20·776	−18·834	− 5	...	...
...	20·145	−51·196	− 3	...	...
*	19·924	−35·275	1·10	43·5795	9·8
...	−19·895	−18·732	− 2	...	...
*	18·624	+12·985	1·15	42·5790	9·4
...	18·527	+21·088	− 5	A	...
*	18·239	+37·222	1·20	42·5791	9·2
...	18·137	+47·455	− 2	42·5792	10·0
101					
N	−18·089	+30·370	− 5	A	...
*	17·497	− 4·837	1·35	42·5793	9·0
...	17·159	−28·419	− 5	A	...
...	16·924	−19·623	− 1	...	...
...	16·723	−37·266	− 4	...	...
...	−16·066	−22·150	− 5	A	...
...	16·016	−33·019	− 5	A	...
†	15·757	+59·677	0·90	41·5907	9·4
...	15·670	+ 7·725	0·85	42·5794	9·7
*	15·435	−44·652	1·30	43·5798	9·2
111					
..	−15·263	−10·427	− 5	A	...
...	14·982	+16·299	− 5	...	...
†	14·981	−22·721	− 5	A	...
S *	14·787	+19·116	1·80	42·5795	8·0
...	14·749	+29·324	− 4	42·5796	10·4
...	−14·696	−43·342	0·70	...	...
...	13·357	+ 5·132	0·65	42·5797	9·8
*	13·223	−18·467	1·00	43·5799	9·8
...	12·877	−38·606	0·70	...	...
...	12·506	+14·099	− 5	...	...

S measured from 1, 56, 138, 212, 284.
CH ... ... 24, 95, 174, 248.

101. 42 ·75, obscured by reseau.

121–180

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
121					
...	−12·341	−11·867	− 5	° A	...
...	11·827	+43·859	− 4	42.5798	10·2
...	11·276	+ 3·690	− 2	42.5799	10·1
...	10·880	+54·001	0·85	41.5910	9·6
...	10·223	−31·028	− 4	...	...
N †	−10·112	+17·833	− 4	42.5800	10·4
...	8·861	− 2·787	0·85	42.5801	9·8
*	8·439	+47·930	1·00	42.5802	9·6
...	8·107	+48·937	0·75	42.5803	9·8
...	7·720	−11·883	− 4	...	...
131					
...	− 7·402	+43·526	− 5	42.5804	10·2
S *	6·355	−23·470	1·20	43.5800	9·2
...	6·329	+33·073	− 5	42.5805	10·4
...	6·178	−23·449	− 5	A	...
...	5·812	−40·327	0·75	...	...
...	− 5·424	−17·819	0·75	..	...
...	5·312	−56·311	− 5	...	...
*	4·621	+10·067	1·15	42.5806	9·3
...	4·606	+17·375	− 4	42.5807	9·8
S *	3·926	+37·394	2·20	42.5808	8·0
141					
...	− 2·796	−58·475	− 5	...	...
*	1·878	+12·320	1·50	42.5809	8·5
...	1·583	+40·601	− 4	42.5810	10·2
...	1·489	−54·763	− 4	...	..
...	1·194	+48·284	− 5	...	...
†	− 0·763	+ 9·882	− 5	42.5811	10·0
...	− 0·639	−26·695	0·75	...	...
...	+ 0·683	−29·406	0·65	...	...
...	1·010	+55·509	0·70	41.5927	9·7
*	1·432	+28·318	1·20	42.5812	9·3
151					
*	+ 1·774	+19·538	1·15	42.5813	9·4
...	2·412	−33·724	0·70	...	...
*	2·483	−48·871	2·20	43.5802	8·0
*	2·513	−24·065	1·15	43.5801	9·4
...	3·380	−51·509	− 3	...	...
...	+ 3·413	+25·429	− 5	42.5814	10·4
...	3·714	+37·576	− 5	42.5815	10·4
...	5·218	+ 9·010	0·90	42.5816	9·8
...	5·548	+46·791	− 3	42.5817	10·1
...	5·890	−11·605	− 5	...	...
161					
...	+ 6·055	+46·593	− 5	42.5818	10·4
...	6·789	−16·586	− 5	...	...
*	7·028	+39·459	1·30	42.5819	8·9
...	7·255	−59·390	− 2	...	...
...	7·319	+ 3·220	− 3	42.5820	10·0
...	+ 7·519	+ 1·994	− 5	...	...
...	8·494	−57·928	− 5	...	...
...	8·781	+27·012	− 4	42.5821	10·1
...	9·150	−42·181	0·80	43.5803	9·3
...	9·167	−42·307	0·75		
171					
...	+ 9·343	+13·017	− 4	42.5822	10·2
...	9·375	−28·107	− 3	...	...
...	9·841	−49·687	− 3	...	...
...	10·633	−38·206	− 4	...	...
...	10·672	−59·781	− 3	43.5804	9·8
S *	+10·747	+10·385	1·00	42.5823	9·4
...	11·266	+13·953	− 5	42.5824	10·4
...	11·543	+10·447	− 5	42.5825	10·4
...	11·932	−56·154	− 5	...	...
†	12·043	−44·858	− 2	43.5805	9·8

181–240

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
181					
*	+13·179	−24·691	1·20	43.5806	9·3
...	13·450	−24·744	− 4	...	...
...	13·545	− 2·813	− 3	42.5826	10·2
...	13·684	− 6·978	0·75	42.5827	9·8
*	14·385	+25·689	1·00	42.5828	9·7
...	+14·699	−44·591	− 1	...	...
*	16·306	−49·024	1·35	43.5808	9·2
S *	17·272	−14·257	1·60	43.5809	8·6
...	17·402	+41·713	− 5	...	...
...	17·439	+ 6·058	− 5	42.5829	10·4
191					
...	+17·469	−15·660	− 2	...	...
...	18·034	− 7·093	− 4	...	...
...	18·078	−21·166	0·65	43.5810	9·8
...	18·115	−39·973	− 5	...	...
*	18·684	+ 0·954	1·80	42.5830	8·3
...	+19·088	−26·283	− 5	*a*	...
...	19·174	+49·377	− 3	42.5831	10·1
...	19·733	−12·289	− 5	...	...
...	20·066	−37·651	− 5	*a*	...
...	20·193	+37·063	− 5	...	...
201					
...	+21·305	+48·787	− 4	42.5832	10·1
...	21·532	−14·450	0·75	43.5811	9·8
...	21·944	+52·289	− 4	41.5946	10·4
...	22·017	+45·620	− 4	42.5833	10·0
...	22·215	+ 3·748	− 5	...	...
...	+22·786	−19·039	− 4	...	...
...	22·898	− 4·336	− 5	*b*	...
...	23·015	+40·536	− 3	42.5834	10·2
...	23·250	+43·903	− 5	42.5835	10·4
...	23·300	−26·890	0·70	43.5812	9·8
211					
...	+24·513	−56·923	− 2	43.5813	9·8
...	24·899	+45·034	− 4	42.5836	10·0
*	24·944	+ 7·838	1·00	42.5837	9·6
...	25·392	−36·639	− 5	...	...
...	25·832	+42·423	− 4		
...	+25·903	+42·348	− 4	42.5838	10·4
...	25·919	+14·146	− 5	42.5839	10·3
...	26·153	+13·831	− 1	42.5840	10·0
...	26·246	+ 8·623	− 5	42.5841	10·4
...	26·533	+42·573	− 4	...	...
221					
...	+26·753	−12·256	− 5	...	...
...	26·868	+45·608	0·80	42.5842	9·4
*	27·543	−38·354	1·10	43.5814	9·6
*	28·200	− 8·835	1·40	43.5815	9·2
...	28·320	−54·678	− 5	...	...
...	+28·321	−40·027	− 5	*a*	...
...	28·707	+24·341	− 5	42.5843	10·3
...	29·612	+48·338	− 5	42.5844	9·8
S *	30·475	−53·308	1·20	43.5817	9·0
*	30·519	−16·355	1·80	43.5816	8·4
231					
...	+31·064	+26·968	− 5	42.5845	10·3
...	31·082	+52·200	0·80	41.5954	9·7
...	32·152	−33·188	− 4	...	...
...	32·735	−48·018	− 4	...	...
*	32·810	−37·817	1·10	43.5818	9·4
*	+33·227	−54·627	1·10	43.5819	9·2
...	33·279	+39·402	0·90	42.5846	9·8
...	33·934	−59·250	− 4	...	...
...	34·657	+10·763	0·85	42.5847	9·8
*	35·315	−38·120	1·80	43.5820	8·2

241–292

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
241					
*	+35·711	−56·335	1·10	43.5821	9·5
...	35·980	−18·446	− 3	...	...
...	36·299	−52·259	− 5	...	...
*	36·557	−32·955	1·20	43.5822	9·2
...	38·045	+35·421	− 5	42.5848	10·3
...	+39·574	−41·217	− 3	43.5824	9·8
†	39·694	− 9·449	0·70	43.5823	9·8
†	39·897	− 4·916	− 2	42.5850	10·0
...	40·096	+46·896	− 3	42.5849	10·3
...	40·880	+ 4·100	− 3	42.5851	10·4
251					
...	+40·959	+19·551	− 4	...	...
...	42·021	−19·644	− 4	...	...
...	42·251	+ 9·514	− 4	..	...
...	43·074	+ 5·509	− 1	42.5852	10·3
...	43·374	+35·026	− 5	42.5853	10·4
...	+43·687	+57·782	− 5	41.5967	10·1
...	44·146	− 6·809	− 4	*b*	...
...	44·336	−22·029	− 2	..	...
...	44·535	−49·576	− 5	...	...
...	44·609	+30·139	− 5	42.5854	10·4
261					
†	+44·744	+32·117	− 4	42.5855	10·4
...	44·965	−47·052	− 5	...	...
S *	45·170	+ 8·520	1·13	42.5856	9·3
...	46·332	−22·605	− 5	...	...
...	46·370	− 9·843	− 5	43.5827	10·4
*	+46·830	− 7·666	1·10	42.5857	9·6
S *	47·561	+37·832	1·15	42.5858	9·4
...	47·934	+20·560	− 5	42.5859	10·4
...	48·462	−34·303	0·70	...	...
*	48·847	−43·957	1·30	43.5829	9·4
271					
N †	+49·762	+44·420	− 4	42.5860	9·8
...	50·481	+ 6·945	− 5	...	...
...	50·605	+12·972	− 5	42.5861	10·4
*	50·730	−42·210	1·80	43.5830	8·6
...	51·241	−44·140	− 2	43.5831	9·8
...	+51·371	−53·143	− 2	43.5832	9·8
...	51·781	−57·685	− 3	43.5833	9·8
...	52·356	+20·718	− 5	42.5862	10·2
...	52·588	− 9·697	− 5	...	...
...	53·572	− 4·032	− 5	..	...
281					
S *	+53·603	+52·370	2·10	41.5973	8·7
S *	53·927	−17·363	1·60	43.5834	8·5
...	54·123	−19·106	− 5	...	...
†	55·673	+25·028	− 2	42.5863	9·8
...	56·724	+41·504	− 5	42.5864	9·8
...	+56·825	−36·674	− 5	...	...
...	56·859	−31·277	− 4	...	...
...	57·797	−16·676	− 5	*a*	...
...	57·853	+30·750	− 5	42.5865	10·2
...	58·338	+57·482	− 5	41.5979	10·4
291					
*	+58·702	−27·990	1·80	43.5836	8·9
...	58·951	+46·234	− 5	42.5866	10·0

126. Obscured by fault; 2nd image measured and corrected.

271. Mass. 42°·6, two stars.

1–60

Notes.	Co-ordinates. x.	y.	Diam. −5.	C.P.D. No.	Mag.
1					
*	−59·551	−44·127	1·40	43·5829	9·4
...	59·503	+12·848	− 4	42.5861	10·4
...	59·454	+ 6·807	− 5	...	...
...	57·9[illegible]	+20·630	− 5	42.5862	10·2
*	57·722	−42·307	2·20	43·5830	8·6
S *	−57·687	+52·313	1·80	41.5973	8·7
...	57·474	+24·841	− 5	...	...
...	57·159	−44·220	− 4	43·5831	9·8
...	56·834	− 9·756	− 5	...	...
...	56·765	−53·218	− 3	43·5832	9·8
11					
...	−56·627	+29·112	− 5	...	...
...	56·385	−41·533	− 5	...	...
...	56·212	−57·737	− 3	43·5833	9·8
...	56·164	+26·001	− 5	...	...
...	56·031	− 4·064	− 4	...	...
...	−55·346	−27·716	− 5	B	...
S *	55·262	−17·374	1·55	43·5834	8·5
†	55·033	−19·121	− 4	...	...
†	54·794	+25·039	− 2	42.5863	9·8
...	54·232	+41·543	− 5	42.5864	9·8
21					
...	−53·599	−45·025	− 5	...	...
...	53·128	+57·563	− 4	41.5979	10·4
...	52·851	+30·815	− 5	42.5865	10·2
...	52·157	+46·332	− 4	42.5866	10·0
...	51·919	−31·208	− 3	...	...
...	−51·793	−36·602	− 4	...	...
...	50·596	+ 1·364	− 5	...	...
*	50·181	−27·847	1·35	43·5836	8·9
...	49·540	+12·877	− 1	42.5867	10·0
*	49·301	+38·341	1·10	42.5868	9·6
31					
...	−48·861	−33·601	0·80	...	...
...	48·429	−39·510	0·90	43·5837	9·6
...	47·960	−26·276	− 5	...	...
...	47·940	+46·307	− 3	42.5870	10·0
...	47·707	+16·663	− 2	42.5869	10·1
S *	−47·589	+41·724	2·25	42.5871	8·0
...	47·281	−23·101	− 5	...	...
...	47·030	+ 4·610	− 5	...	...
...	46·286	− 8·754	− 1	43·5839	9·8
...	46·233	+47·280	− 3	42.5872	9·8
41					
...	−45·395	+16·095	− 5	42.5873	10·4
...	45·326	+45·349	− 3	42.5874	10·1
...	44·774	+59·040	− 5	41.5985	10·4
...	44·253	+15·711	0·90	42.5875	9·8
...	44·143	−16·631	− 3	...	...
...	−43·9[illegible]	−14·814	− 5	A	...
*	43·8[illegible]	+ 3·501	1·60	42.5876	8·4
...	43·443	−41·429	0·85	43·5840	9·8
...	42·951	−25·901	− 4	...	...
...	42·[illegible]12	− 4·596	− 5	B	...
51					
.	−42·518	−3[illegible]·351	− 5	...	...
.	41·772	−47·860	− 4	...	...
.	41·53[illegible]	+19·3[illegible]	− 5	...	...
...	41·13[illegible]	+49·5[illegible]	0·65	42.5878	9·6
...	40·883	−24·667	− 5	...	...
...	−40·791	+23·370	− 4	42.5877	10·3
...	39·857	+20·424	− 3	42.5879	10·1
...	39·029	+55·4[illegible]	0·80	41.5991	9·8
...	38·[illegible]16	− 3·553	− 1	42.5880	10·2
..	38·[illegible]40	−2[illegible]·57	− 5	...	...

61–120

Notes.	Co-ordinates. x.	y.	Diam. −5.	C.P.D. No.	Mag.
61					
...	−38·641	+44·041	− 1	42.5881	9·8
S *	38·361	−50·686	1·30	43.5841	9·3
...	38·345	−43·394	− 4	...	...
...	37·670	−27·522	0·70	...	...
*	37·656	+28·252	1·00	42.5882	9·4
...	−37·640	+48·247	− 5	42.5883	10·4
...	37·377	+29·166	− 4	...	...
...	37·360	+19·716	− 3	42.5884	10·1
...	37·125	+56·225	− 3	41.5993	10·1
...	36·613	−45·586	− 5	...	...
71					
...	−36·591	− 8·354	− 5	B	...
...	36·148	+59·224	− 5	...	...
...	36·087	−23·842	− 4	B	...
...	36·014	−32·986	− 4	...	...
...	35·901	−35·602	− 4	...	...
...	−35·876	−37·870	0·65	...	...
...	35·371	−43·064	− 3	...	...
*	35·296	+45·522	1·60	42.5885	9·0
...	35·180	− 5·551	− 5	B	...
...	34·450	−46·302	− 4	...	...
81					
...	−34·262	+46·001	− 5	42.5886	10·4
...	34·061	+40·645	− 4	42.5887	10·4
*	33·469	+56·787	1·50	41.5998	9·2
...	33·318	−15·956	− 5	B	...
...	33·042	−12·617	− 4	A	...
...	−32·949	+ 1·885	0·65	42.5888	10·4
...	32·904	+58·468	− 4	41.6000	10·4
...	32·593	+ 8·077	− 4	...	...
...	31·799	+33·082	− 3	42.5889	10·3
...	31·636	−15·968	− 5	...	...
91					
...	−31·403	+40·533	− 5	...	...
...	31·263	−40·756	− 5	A	...
*	31·079	−13·106	1·10	43·5842	9·4
...	30·838	−54·202	− 5	...	...
...	30·320	− 9·804	− 5	A	...
†	−30·098	−18·336	− 4	...	...
...	30·001	+34·702	− 4	42.5890	10·2
...	29·672	−45·695	− 4	...	...
...	29·628	− 3·415	0·80	42.5891	9·8
...	29·081	−38·963	− 5	...	...
101					
...	−29·060	+52·466	− 4	41.6003	10·1
...	28·578	+26·857	0·75	42.5892	10·0
...	28·346	+27·511	0·90	42.5893	9·8
...	27·956	−11·723	− 5	B	...
...	27·152	−22·655	− 5	B	...
*	−26·941	+30·895	1·55	42.5894	8·8
...	26·484	−28·430	− 5	...	...
*	25·959	−23·470	1·00	43·5843	9·6
...	24·925	− 0·302	− 3	42.5895	10·0
...	24·264	−16·182	− 5	B	...
111					
...	−23·506	−25·953	− 5	B	...
...	22·808	−11·515	− 5	...	...
...	21·962	+34·014	− 5	...	...
...	21·766	−47·134	− 4	...	...
...	21·515	−23·882	− 3	...	...
*	−21·473	+42·724	1·25	42.5896	9·4
...	21·458	−22·128	− 4	...	...
...	21·018	− 1·249	− 3	42.5897	10·3
S ‡	20·221	+49·974	1·15	42.5898	9·4
*	19·789	−28·154	1·00	43·5844	9·5

121–180

Notes.	Co-ordinates. x.	y.	Diam. −5.	C.P.D. No.	Mag.
121					
...	−19·543	+50·570	− 5	42.5899	10·4
...	19·252	−43·418	− 5	...	...
N [	19·089	−33·416	− 3	...	...
N [	19·016	−33·422	− 3	...	...
...	19·043	+34·477	− 5	...	...
*	−18·855	−54·060	1·10	43·5845	9·8
...	17·149	−36·014	− 5	B	...
...	17·147	+37·679	− 5	...	...
...	16·631	−12·481	− 5	B	...
...	16·475	−42·895	− 4	...	...
131					
*	−16·423	+58·096	1·20	41.6010	9·7
...	16·418	−10·365	− 5	B	...
...	16·380	−42·050	− 5	...	...
S *	15·662	+ 7·540	1·48	42.5900	8·8
†	15·091	+32·757	− 2	42.5901	10·0
...	−14·922	+54·138	− 4	41.6011	10·4
...	14·778	+24·106	− 5	...	...
...	14·546	+ 0·458	− 5	A	...
†	14·394	−49·844	− 5	...	...
...	14·263	+37·428	− 5	...	...
141					
...	−14·000	+23·095	0·70	42.5902	10·0
*	13·699	− 3·817	1·10	42.5903	9·5
...	13·529	−45·170	− 5	A	...
...	12·474	+54·642	− 3	41.6014	10·1
...	12·404	−40·009	− 3	...	...
...	−12·259	−38·406	− 5	...	...
...	12·189	−39·977	− 4	...	...
...	12·106	+34·496	0·70	42.5904	10·0
...	11·428	−31·709	0·75	43·5846	9·8
...	10·988	+13·236	0·70	42.5905	9·8
151					
...	−10·765	+12·032	− 4	42.5906	10·3
‡	10·201	+33·890	1·60	42.5907	8·6
*	8·834	+36·423	1·10	42.5908	9·4
...	8·797	+59·664	− 5	...	...
...	8·687	−58·053	− 5	...	...
...	− 8·675	+35·965	− 3	42.5909	10·0
...	8·434	−53·499	− 5	A	...
...	8·110	−40·819	− 3	...	...
...	7·559	+34·232	− 5	...	...
...	7·206	+44·064	− 3	42.5910	10·2
161					
...	− 6·826	+35·632	0·70	42.5911	9·8
...	6·221	−52·251	0·70	...	...
...	6·013	+52·873	− 4	41.6019	10·4
...	5·677	− 3·964	0·70	42.5912	10·1
...	4·355	− 6·026	0·70	42.5913	10·0
...	− 4·094	−26·781	− 3	B *m*	...
*	3·528	−45·739	2·00	43·5848	9·4
...	3·501	+10·965	− 4	*m*	...
*	3·014	+38·878	1·20	42.5914	9·4
...	2·755	+24·820	− 2	42.5915	10·0
171					
*	− 2·011	−49·118	1·00	43·5849	9·8
...	1·597	−45·716	− 2	...	...
...	0·725	+41·582	0·90	42.5916	9·8
...	0·722	−31·821	− 4	...	...
...	0·580	+ 1·817	− 4	A *m*	...
...	− 0·286	+ 5·500	− 5	C *a*	...
†	0·193	−49·476	− 1	43·5850	9·8
†	− 0·075	−26·796	− 4	*m*	...
...	+ 0·079	−49·156	− 5	M	...
*	0·339	− 0·459	1·15	42.5917	9·2

CH measured from 1, 97, 178.
B ,, ,, 43, 135, 259.
123, 124. 44°·76, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
181–230					
181					
...	+ 0·375	+48·474	−5	42.5918	10·4
...	0·743	−48·689	−5	M	...
...	1·122	+27·774	−2	42.5920	10·0
...	1·227	− 7·252	−3	42.5919	10·1
...	1·420	+27·985	−5	42.5921	10·4
*	+ 1·550	+ 1·619	1·50	42.5922	8·8
*	2·487	−27·401	1·40	43.5851	8·9
...	2·705	−37·194	−5	M	...
...	4·649	+59·401	−5	41.6028	10·0
†	4·820	+14·595	−2	42.5923	10·0
191					
...	+ 5·076	−15·781	−5	*b*	...
...	5·665	+46·212	−5	*a*	...
...	5·709	+21·630	0·90	42.5924	10·0
...	5·951	+27·347	−5	*a*	...
...	6·100	+41·699	−3	...	...
...	+ 6·237	+38·402	−4	42.5925	10·3
...	7·509	+27·227	−3	...	...
S *	7·553	−33·131	2·65	43.5852	7·9
S *	7·816	+15·936	1·50	42.5926	8·8
*	8·861	−45·232	1·20	43.5853	9·3
201					
...	+ 9·123	− 8·850	0·80	43.5854	9·8
...	9·329	+38·642	−3	...	...
...	9·579	+50·676	−4	42.5927	10·2
...	9·603	−28·510	0·70	43.5855	9·8
...	9·719	−28·471	−5	...	...
‡	+ 9·933	−48·655	1·25	43.5856	9·2
...	10·337	− 4·111	−3	42.5928	10·3
...	10·379	+48·406	−2	42.5929	10·4
...	10·757	−18·363	−5	...	...
*	10·974	− 3·210	1·00	42.5930	9·8
211					
*	+11·318	− 5·799	1·60	42.5931	8·7
...	11·413	−35·239	−5	...	...
...	11·498	−28·428	−5	...	...
...	12·999	+12·111	−4	...	...
...	13·284	−13·715	−4	...	...
...	+13·296	− 9·534	−5	...	...
...	13·422	−13·689	−4	...	...
...	13·927	+10·336	−2	42.5932	10·1
...	14·067	+43·551	−5	...	...
...	14·639	+36·702	0·90	42.5933	9·8
221					
‡	+14·675	+35·031	1·05	42.5934	9·7
...	14·998	+34·270	−2	42.5935	10·0
...	15·370	− 5·376	0·65	42.5936	10·0
...	15·517	+36·854	0·70	42.5937	10·0
...	15·622	−54·059	−5	...	...
...	+15·794	−32·582	−4	...	...
...	16·287	+56·370	−3	41.6036	9·8
*	16·365	−20·986	1·20	43.5857	9·0
...	16·424	−26·846	−5	...	...
*	16·557	−21·398	1·00	43.5858	9·8
231–280					
231					
...	+16·727	−23·349	0·80	43.5859	9·8
...	16·751	+17·139	−4	42.5938	10·4
...	16·995	−42·740	−5	...	...
...	17·182	−12·557	−5	...	...
...	17·674	−11·371	−5	...	...
*	+18·510	−23·826	1·00	43.5860	9·3
*	18·761	+24·675	1·10	42.5940	9·7
...	18·895	+35·503	0·80	42.5939	9·8
...	18·958	− 4·051	−4	42.5941	10·3
*	19·273	−24·532	1·30	43.5861	9·0
241					
*	+20·140	+26·824	1·00	42.5942	9·8
...	20·318	+11·946	−3	42.5943	10·1
S *	20·627	+ 4·057	1·33	42.5944	9·1
*	22·964	− 7·084	1·00	42.5945	9·8
...	23·349	−30·277	−2	...	...
...	+23·364	+27·468	−5	*a*	...
†	24·809	+20·498	−3	42.5946	10·2
...	24·901	− 8·401	−3	43.5863	10·4
...	24·917	+23·445	−4	...	...
...	25·052	−33·321	−2	...	...
251					
*	+25·099	+39·360	1·15	42.5947	9·5
†	26·139	− 4·929	−4	42.5948	10·3
...	26·339	− 5·785	0·80	42.5949	9·8
...	26·555	+35·583	−5	...	...
*	27·681	+ 4·529	1·10	42.5950	9·5
...	+28·468	+ 1·156	−5	*a*	...
...	29·371	+53·512	−4	41.6049	10·0
...	29·577	+40·378	0·70	42.5951	9·8
...	30·225	+27·244	−5	*a*	...
...	31·132	−25·809	−5	...	...
261					
...	+31·674	−37·752	−5	...	...
...	31·776	+42·391	−4	...	...
...	31·934	−16·949	−5	...	...
...	32·237	+ 8·307	−3	42.5952	10·4
...	32·396	+30·679	−5	...	...
*	+33·232	+54·032	1·20	41.6055	9·4
...	33·593	+11·097	0·70	42.5953	10·0
S *	34·229	−25·080	1·20	43.5865	9·2
...	35·446	−39·072	0·90	43.5867	9·6
...	35·528	−43·663	0·70	...	...
271					
...	+35·934	+ 9·243	−5	*a*	...
...	36·026	− 9·061	0·70	43.5868	9·8
...	37·600	−36·041	−3	...	...
...	37·697	+57·584	−3	41.6056	10·1
...	37·733	+14·132	−5	*a*	...
...	+38·363	+43·428	−4	...	...
*	38·530	−55·299	1·40	43.5869	9·2
...	38·645	+53·036	−5	41.6058	10·4
...	38·998	−55·887	0·90	43.5870	9·5
...	39·143	+28·936	0·65	42.5954	10·4
281–324					
281					
...	+39·497	−41·658	−5	...	...
...	40·272	−15·347	0·70	...	...
...	40·336	−40·118	−1	...	...
*	40·662	+28·165	1·30	42.5955	9·1
...	40·819	+26·828	−1	42.5956	10·0
...	+40·866	+59·817	−5	41.6060	10·4
...	41·109	−49·341	−5	...	...
...	41·165	−29·883	−5	...	...
*	41·209	+45·422	1·20	42.5957	9·6
...	41·955	+44·374	−3	42.5958	10·2
291					
*	+41·959	+34·784	1·40	42.5959	9·2
...	42·072	+ 0·646	0·70	42.5961	10·0
*	42·428	+45·230	1·50	42.5960	9·0
...	42·439	+31·626	−5	...	...
*	43·293	+ 9·948	1·10	42.5962	9·3
...	+43·678	− 7·041	−4	42.5963	10·4
S *	44·287	+34·086	1·05	42.5964	9·6
...	44·509	+31·272	−3	42.5965	10·2
†	44·660	− 3·273	−5	42.5966	10·4
‡	44·758	−16·943	1·50	43.5871	8·9
301					
...	+44·869	−25·236	−5	...	...
...	45·799	+21·103	−3	42.5967	10·2
...	46·510	+32·410	−5	...	...
...	46·563	−38·093	0·80	43.5872	9·8
...	47·868	+43·586	0·70	42.5968	10·0
...	+48·137	− 6·103	−1	42.5970	10·1
...	48·632	+26·653	−3	...	...
...	48·711	+48·350	−3	42.5969	10·3
†	49·743	+16·942	−3	42.5972	10·1
...	49·989	+51·425	−5	42.5971	10·4
311					
...	+50·479	−12·109	0·75	43.5875	9·8
...	51·469	−12·299	0·90	43.5876	9·8
...	51·614	+ 7·381	0·70	42.5973	10·1
...	51·644	+56·598	−1	41.6079	9·7
...	52·444	+ 4·004	−5	*e*	...
...	+52·593	−35·444	−3	...	...
‡	54·662	−57·895	1·60	43.5877	9·0
...	56·489	−49·268	−4	43.5878	9·8
...	57·171	−45·240	−5	...	...
...	57·640	−22·458	−5	...	...
321					
*	+58·492	−15·787	1·05	43.5879	9·5
...	58·950	+37·960	−5	...	...
...	59·002	− 1·736	−3	42.5974	10·2
...	59·564	−56·853	−5	...	...

Notes.	Co-ordinates. x.	y.	Diam. −3	C.P.D. No.	Mag.
1–60					
1					
...	−59·167	+56·478	−4	41.6079	9·7
...	58·894	−12·238	0·80	43.5875	9·8
...	58·339	+ 7·281	−1	42.5973	10·1
*	57·892	−12·394	1·00	43.5876	9·8
...	57·391	+ 3·932	−5	E	...
...	−56·087	−35·491	−4	...	..
*	53·339	−57·881	1·60	43.5877	9·0
...	52·358	− 6·941	−5	...	...
...	51·918	+38·071	−5	...	...
...	51·786	−49·201	−2	43.5878	9·8
11					
... [	−51·730	+54·022	−4	41.6086	10·2
... [	51·723	+54·155	−5		
...	51·589	+36·369	−5	...	...
...	51·435	−22·358	−5	...	...
...	51·218	−45·159	−5	...	...
*	−50·[illegible]4	−15·673	1·00	43.5879	9·5
...	50·681	− 1·612	−1	42.5974	10·2
‡	49·943	+27·113	1·15	42.5975	9·3
...	48·771	+42·453	0·85	42.5976	9·8
...	48·[illegible]71	−56·681	−5	...	...
21					
...	−48·380	−55·471	−5	...	...
...	48·311	+16·893	0·70	42.5977	9·8
...	47·991	−42·600	−4	...	...
..	47·303	+32·112	−5	...	...
...	46·756	+18·827	0·80	42.5978	9·8
S *	−46·731	−27·397	1·25	43.5881	8·9
*	46·079	+43·479	1·20	42.5979	9·2
...	45·724	− 4·811	−5	...	...
...	45·367	−58·043	−4	43.5882	9·8
...	44·849	− 9·092	−4	43.5884	10·2
31					
...	−44·566	−51·700	0·90	43.5883	9·8
...	44·242	−59·372	−1	43.5885	9·8
...	44·181	−15·210	−4	...	...
.	44·027	− 2·071	−4	42.5980	10·4
..	44·000	−47·297	−5	...	...
...	−43·071	− 7·799	−5	...	...
S *	42·987	−45·456	1·13	43.5886	9·3
..	42·235	−59·492	0·80	43.5887	9·6
...	42·139	−13·197	−5	...	...
*	42·092	+13·840	1·20	42.5981	9·1
41					
...	−41·961	+33·781	−5	...	...
...	41·804	− 8·659	−5	...	...
...	41·409	−26·220	−2	...	...
...	41·347	+31·471	−5	...	...
...	40·924	−17·993	0·80	...	...
...	−40·920	+17·142	−5	...	...
...	40·274	+ 2·122	−5	...	...
..	40·271	−27·011	−5	...	...
...	39·396	−42·967	−5	A	...
...	38·522	−26·185	−3	..	..
51					
..	−38·286	−10·871	0·85	43.5888	9·8
...	38·184	+25·490	−3	...	...
...	38·151	−32·653	−4	...	...
..	38·109	+16·724	1·60	42.5982	8·2
...	37·[illegible]3	−18·513	−5	...	...
S *	−36·859	+36·866	1·80	42.5983	8·4
...	36·543	−26·845	−5	...	...
*	36·330	+58·674	1·30	41.6094	9·6
.	36·411	−14·3[illegible]	−5	...	...
..	35·[illegible]02	− 5·[illegible]	−5	M	...
61–120					
61					
...	−35·886	+40·840	−5	...	...
...	35·831	+15·732	−2	42.5984	10·1
...	35·776	− 3·080	−5	...	...
...	35·263	−10·831	−5	...	...
...	34·107	−14·091	0·80	43.5891	9·8
...	−33·857	−13·994	−5	...	...
*	33·823	−52·797	1·20	43.5890	9·8
...	33·666	+57·633	−5	...	...
*	33·550	−11·092	1·35	43.5893	8·9
...	33·480	−26·614	0·70	43.5892	9·8
71					
...	−32·564	+34·171	−5	...	...
...	32·439	+47·564	−3	42.5985	10·3
...	32·368	+33·163	−5	A	...
...	32·294	+59·028	−5	...	...
...	32·145	+51·859	−5	A	...
...	−31·396	−32·317	−5	...	...
...	31·347	− 6·632	0·65	...	...
...	31·055	+14·205	0·70	42.5986	10·3
...	29·731	+25·745	−3	...	...
...	29·490	+48·276	0·90	42.5987	10·2
81					
...	−29·457	−30·709	0·90	43.5894	9·8
...	29·111	−30·780	−5	...	...
*	28·905	+42·066	1·30	42.5988	9·4
...	28·628	+39·286	−5	A	...
...	27·388	−15·230	−3	...	...
...	−26·893	+17·275	0·80	42.5989	10·5
...	26·593	+55·731	−2	41.6098	10·4
†	26·521	−54·836	−5	...	...
...	26·372	+23·690	−2	...	...
...	26·127	+14·115	−5	A	...
91					
...	−25·793	+49·256	−3	A	...
...	25·773	+55·069	−5	M	...
...	25·307	+50·521	−5	M	...
...	24·837	−50·403	0·70	43.5897	10·2
*	24·806	+40·314	1·30	42.5990	9·2
...	−24·761	+44·426	−5	...	...
...	24·478	+54·063	−5	...	...
...	24·330	−55·253	−5	...	...
*	24·299	+55·143	1·20	41.6099	9·8
...	23·930	−13·007	0·70	...	...
101					
S *	−23·754	+12·719	1·60	42.5991	8·5
*	23·653	−46·397	1·30	43.5898	9·3
...	23·358	+12·286	−5	...	...
...	23·247	+50·177	−2	..	...
...	23·229	+14·270	−5	M	...
...	−22·983	−14·027	−2	...	...
...	22·853	+49·405	−5	M	...
...	22·734	− 8·220	0·80	43.5899	10·2
...	22·325	−18·488	−2	...	...
*	22·278	+44·471	1·00	42.5993	10·1
111					
...	−22·126	−12·406	−1	...	..
..	22·094	− 7·968	0·80	42.5992	10·4
...	21·925	+40·124	−5	M	...
...	21·844	−18·720	0·80	43.5900	10·2
...	21·471	−15·337	−5	...	...
...	−21·134	+20·932	−3	...	...
...	20·812	+ 6·265	0·70	...	...
...	20·773	−21·789	0·75	43.5901	10·2
...	20·612	+15·647	−5	M	...
...	20·179	−45·896	−5	...	...
121–180					
121					
...	−20·157	+ 0·309	−5	M	...
... [	19·817	−32·584	−5	43.5902	9·5
* [	19·735	−32·575	1·00		
*	19·225	−10·232	2·00	43.5904	8·5
...	19·187	−45·109	0·70	43.5903	9·9
n	−18·955	+29·088	0·70	42.5994	10·3
n	18·682	+29·026	0·80		
...	18·604	− 5·234	−1	42.5995	10·5
...	18·413	+4·017	−5	M	...
...	18·141	−39·621	0·85	43.5905	9·9
131					
...	−17·794	−33·106	−5	...	...
...	17·590	+31·337	−5	M	...
...	17·112	−10·369	0·70	43.5906	9·9
...	16·846	−59·234	−4	...	...
...	16·840	−13·311	−3	...	...
S *	−16·176	−24·260	2·18	43.5907	8·4
...	16·160	+37·460	0·70	42.5996	10·3
...	15·743	−30·060	−5	...	...
...	15·646	−17·744	−5	...	...
S *	15·634	+54·630	2·05	41.6100	7·8
141					
...	−15·330	−58·163	−4	43.5908	10·2
...	14·439	−38·651	−2	...	...
*	14·273	+28·918	1·20	42.5997	9·8
...	13·959	−36·105	0·75	43.5909	10·2
...	13·637	−42·107	−5	...	...
...	−12·189	+26·479	−4	...	...
...	11·689	+10·804	−4	42.5998	10·5
S ‡	11·219	+19·988	1·33	42.5999	8·8
...	11·209	−29·730	−4	A	...
...	10·633	+46·412	0·80	42.6000	10·2
151					
†	− 8·885	+39·862	−5	...	...
...	8·287	−47·523	0·90	43.5911	9·9
...	7·995	−30·074	−5	...	...
...	7·830	−28·870	−5	...	...
...	7·784	− 2·718	−5	...	...
†	− 7·482	+15·016	0·80	42.6001	9·9
...	7·394	+24·222	−5	M	...
...	5·529	+50·101	0·75	42.6002	10·1
...	5·238	−35·798	−5	M	...
...	4·572	+58·281	−4	41.6103	10·5
161					
...	− 3·814	−10·705	−4	...	...
*	3·733	−27·388	1·30	43.5912	9·2
...	3·036	+54·109	−3	41.6104	10·5
*	2·834	+ 9·412	1·00	42.6003	9·8
...	2·558	−12·131	−5	...	...
...	− 2·442	+17·059	−4	...	...
...	2·218	−18·869	−5	...	...
...	2·197	−40·980	−4	...	...
...	1·228	−32·803	−5	...	...
*	1·080	−24·148	1·15	43.5914	9·4
171					
...	− 0·496	+22·260	0·90	42.6004	9·9
...	+ 0·176	−20·772	−4	...	...
...	0·915	−54·060	−4	...	...
...	1·192	+45·308	−4	*m*	...
...	1·317	+57·720	−2	41.6112	10·1
...	+ 1·[illegible]	− 8·075	−5	...	...
...	2·030	−33·245	−5	...	...
...	2·196	−13·574	−3	...	...
...	2·234	+12·287	−5	M *m*	..
S *	2·253	+21·324	1·00	42.6005	9·6

[illegible] 4, 122, 235.
[illegible] 172, 285.

120, 127 C.P.D., suspected double.

181–230

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
181					
...	+ 3′399	−46′696	− 5	° M	...
†	3·512	− 4·962	− 2	42.6006	10·5
†	3·611	+44·831	− 5	*m*	...
.	3·704	−32·842	− 5	M *m*	...
...	4·022	+36·584	0·70	42.6007	10·5
.	+ 4·501	+31·313	0·70	42.6008	10·4
‡	4·891	−38·869	1·20	43.5915	9·4
S *	5·208	−28·289	1·70	43.5916	8·8
*	5·461	−30·934	1·00	43.5917	9·6
...	5·936	−30·972	− 5	...	...
191					
...	+ 7·343	−15·933	− 5	...	...
...	7·489	−25·376	− 3	...	...
*	7·738	−34·247	1·00	43.5918	9·6
...	7·763	−46·128	− 5	...	...
...	8·051	− 8·066	− 5	...	...
...	+ 8·354	−59·222	− 3	43.5919	10·2
...	8·445	+59·066	− 5	...	...
*	8·686	+19·540	− 4	...	...
*	9·209	−29·493	1·35	43.5920	9·2
...	9·230	−45·094	− 2	43.5921	10·2
201					
*	+ 9·561	+47·861	1·20	42.6009	9·8
...	10·147	+ 2·797	0·90	42.6010	10·2
...	10·497	−38·666	− 5	...	...
...	10·705	+20·698	0·65	...	...
...	10·872	+42·455	− 5	...	...
...	+11·256	−19·763	− 5	*m*	...
...	11·543	−30·841	− 5	...	...
...	11·615	+26·982	0·75	...	...
...	13·105	−14·631	− 5	...	...
...	13·486	+21·894	− 5	*m*	...
211					
...	+13·588	−25·580	− 4	...	...
...	13·847	−58·809	− 5	*a*	...
*	14·232	+43·300	1·00	42.6011	9·8
...	14·316	+33·738	− 2	...	...
...	14·488	−43·366	− 5	...	...
*	+14·547	−25·851	1·00	43.5922	9·8
...	15·378	+ 9·669	− 4	.	...
..	15·690	− 1·040	− 4	...	...
...	16·679	+36·655	− 4	..	...
...	17·525	−50·486	− 3	...	...
221					
*	+17·567	+37·167	1·20	42.6012	9·5
...	17·757	−19·541	− 5	...	...
*	17·928	−16·348	1·10	43.5923	9·6
*	17·934	−46·201	1·00	43.5924	9·6
*	18·000	+22·925	1·00	42.6013	10·2
...	+18·281	+33·169	− 5	*m*	...
*	18·700	−34·420	1·40	43.5926	9·2
*	18·752	−17·850	1·10	43.5925	9·8
...	18·764	+24·572	− 5	...	...
*	18·817	+22·677	1·05	42.6015	9·9

231–280

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
231					
*	+18·893	+30′373	1·40	° 42.6014	9·0
*	19·517	−47·452	1·00	43.5927	9·8
..	19·686	−22·666	− 3	...	...
.	19·843	−53·604	− 5	...	...
..	20·322	−43·279	− 5	...	...
.	+21·497	+ 8·812	0·65	42.6016	10·3
...	21·442	+21·038	− 4	...	.
...	22·169	−51·937	− 5	..	...
...	22·273	+28·347	− 2	...	...
...	22·375	−31·721	− 5	...	...
241					
...	+22·617	− 2·578	− 5	...	...
..	22·623	+28·196	− 5	...	...
...	23·119	+22·346	− 4	...	...
..	25·251	− 2·423	0·75	42.6017	9·9
*	25·256	−54·525	1·00	43.5928	9·5
...	+26·226	−33·862	− 5	...	...
*	26·717	−33·458	1·10	43.5929	9·5
S *	27·544	+ 5·129	1·10	42.6018	9·4
...	28·905	−46·225	− 5	...	...
...	28·940	+29·265	− 5	*m*	...
251					
...	+29·214	−46·337	− 4	...	...
...	30·153	+23·201	− 4	42.6019	10·4
...	30·292	− 6·762	− 4	...	...
...	30·556	+30·044	0·80	42.6020	9·9
*	33·077	+27·935	2·80	42.6021	7·4
...	+33·398	−31·088	− 5	...	...
*	33·715	−41·715	1·00	43.5931	9·6
...	33·888	−20·542	− 5	...	...
...	34·352	+14·546	− 4	...	...
...	34·582	−22·941	− 3	...	...
261					
...	+35·123	+27·836	0·90	42.6022	9·9
...	37·603	+21·861	− 5	...	...
...	38·035	−43·673	− 5	...	...
...	38·062	−40·910	− 5	..	...
...	38·120	−32·489	− 5	...	...
...	+38·238	−10·818	− 5	...	...
...	38·869	−35·893	− 5	...	...
*	39·103	−20·558	1·30	43.5932	9·3
...	39·282	+46·962	− 5	42.6023	10·5
S *	39·574	−51·740	1·40	43.5933	9·2
271					
...	+39·933	+ 7·338	− 5	*m*	...
...	40·560	+ 8·318	0·70	42.6024	10·5
...	40·640	−35·088	− 5	...	...
...	41·597	+30·356	− 5	...	...
...	41·828	−54·542	− 1	43.5934	10·0
...	+42·317	+23·896	− 5	...	...
...	42·493	− 1·328	− 5	...	...
...	42·515	+26·839	− 5	...	...
...	43·003	+49·466	− 5	42.6025	10·5
...	43·317	− 9·042	0·90	43.5936	9·8

281–327

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
281					
...	+43′781	+39′289	− 5	° ...	...
...	44·144	−49·193	− 5	...	...
...	44·149	−53·354	− 1	43.5937	9·9
...	44·522	−33·124	0·90	43.5938	9·8
...	44·946	− 1·932	− 5	...	...
...	+45·010	+41·055	− 4	...	...
...	45·134	+12·126	− 4	*a*	...
...	45·175	+10·318	− 4	*a*	...
...	46·629	−50·073	0·70	43.5939	9·9
...	47·256	+11·794	− 4	...	...
291					
...	+47·521	−18·370	− 5	...	...
S *	47·832	−36·511	3·40	43.5940	7·4
...	48·257	+ 2·409	− 2	...	...
*	48·409	+ 5·892	1·10	42.6026	9·8
...	48·551	+22·230	− 5	...	...
...	+48·805	+18·662	− 5	...	...
...	48·870	− 6·382	− 4	...	...
...	49·044	+14·453	− 3	...	...
...	49·324	−10·728	− 5	...	...
S *	49·562	+ 0·976	1·20	42.6027	9·4
301					
†	+49·765	−38·614	− 5	...	...
*	49·875	−16·265	1·00	43.5941	10·0
...	50·088	− 8·203	0·70	42.6028	10·4
...	50·650	+17·672	− 4	...	...
n *	51·746	+21·059	1·10	42.6029	9·6
...	+51·785	+ 2·775	0·70	42.6030	10·4
n	51·921	+21·137	− 2	42.6029	9·6
‡	52·261	+ 0·022	1·00	42.6032	9·9
S *	52·542	+37·241	3·00	42.6031	7·4
...	52·734	− 3·672	0·65	42.6035	10·4
311					
...	+52·742	+20·423	0·70	42.6033	10·1
...	53·042	+25·749	− 3	42.6034	10·3
...	53·712	−36·429	− 2	43.5943	10·2
...	54·055	+ 9·206	− 5	...	...
...	54·899	+35·278	− 5	...	...
...	+55·100	+13·589	− 4	*e*	...
...	55·230	+52·315	− 4	41.6134	10·5
...	55·317	−27·661	− 5	...	...
...	55·846	− 7·157	− 4	..	...
...	56·140	+26·337	0·70	42.6036	10·2
321					
...	+56·533	+21·987	0·90	42.6037	9·8
*	56·807	−42·223	1·20	43.5945	9·6
*	57·488	+46·900	1·20	42.6038	9·8
...	57·562	+30·471	− 5	...	...
*	57·959	+29·056	1·05	42.6039	9·9
...	+59·397	− 1·914	− 5	*e*	...
...	59·524	+15·896	− 4	...	...

305, 307. C.P.D., probably mass.

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
1–60					
1					
...	−59·607	+17·549	− 4	.	...
...	59·405	− 8·328	− 1	42.6028	10·4
*	59·365	−16·400	1·05	43·5941	10·0
...	58·809	−38·736	− 4	...	...
*	58·607	+20·956	1·10	42.6029	9·6
...	−58·447	+21·045	− 4		
S *	58·289	+37·161	3·18	42.6031	7·4
...	58·023	+ 2·685	0·65	42.6030	10·4
...	57·599	+20·354	0·75	42.6033	10·1
F *	57·463	− 0·051	1·00	42.6032	9·9
11					
...	−57·453	+25·697	− 3	42.6034	10·3
...	56·889	− 3·724	0·85	42.6035	10·4
...	56·062	+52·314	− 4	41.6134	10·5
...	55·949	+ 9·184	− 4	...	...
...	55·880	+35·267	− 5	...	...
..	−55·039	+13·549	− 4	E	...
†	54·941	−36·432	− 3	43·5943	10·2
...	54·381	+26·363	0·80	42.6036	10·2
*	53·850	+22·031	1·00	42.6037	9·8
...	53·677	− 7·119	− 2	...	...
21					
*	−53·651	+46·955	1·20	42.6038	9·8
...	53·597	−27·622	− 4	...	...
*	52·641	+29·127	1·00	42.6039	9·9
*	51·673	−42·134	1·20	43·5945	9·6
..	51·445	+ 2·204	− 3	A	...
...	−50·735	−41·039	− 5	...	...
...	50·686	+16·038	− 3	...	...
...	50·622	−17·875	− 5	...	...
...	50·284	− 1·779	− 4	E	...
...	49·737	− 3·102	− 4	...	...
31					
...	−48·872	+ 6·495	0·70	42.6040	10·5
...	48·283	−31·022	0·70	...	...
...	48·253	−43·516	− 4	...	...
*	47·635	−14·539	1·10	43·5947	9·9
...	47·558	−22·455	− 5	...	...
...	−47·110	−51·241	− 5	...	...
...	46·874	− 3·385	− 1	42.6041	10·5
S *	46·701	+ 5·742	1·10	42.6042	9·5
*	46·266	+27·935	1·00	42.6043	9·8
...	45·758	− 9·758	− 3	...	...
41					
...	−45·521	−47·005	− 5	...	...
...	45·055	+21·800	− 5	M	...
†	44·967	− 8·340	− 4	...	.
†	44·817	−54·924	− 4	43·5948	10·2
†	44·721	−54·854	− 4		
*	−44·698	−15·146	1·10	43·5949	9·8
...	44·452	− 0·880	− 3	...	...
...	43·867	+43·437	− 3	42.6044	10·5
*	43·733	−52·328	1·35	43·5950	9·2
...	43·602	+ 5·661	− 4	...	...
51					
.	−43·518	−21·113	− 2	43·5951	10·2
...	43·233	+43·524	− 2	42.6045	10·4
...	43·226	+32·285	− 3	...	...
...	42·469	+14·805	− 2	...	...
S *	41·751	−49·177	1·50	43·5952	9·2
...	−41·576	−54·592	− 5	...	...
...	39·613	+11·423	− 3	...	...
...	39·271	+29·703	− 4	A	...
...	39·129	−50·635	− 4	...	...
...	38·477	+11·291	− 4	...	...

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
61–120					
61					
...	−38·113	+30·401	− 5	A	...
*	38·023	+17·083	1·00	42.6046	9·8
...	37·671	+28·341	− 4	...	...
*	37·141	+ 0·667	1·00	42.6047	9·6
...	37·058	−28·930	0·70	43.5953	10·2
...	−37·001	+ 7·069	− 5	M	...
*	36·590	− 3·243	1·00	42.6048	9·9
...	35·995	−19·457	− 3	...	...
*	35·962	−31·099	1·20	43·5954	9·3
...	35·924	+ 0·820	− 5	M	...
71					
*	−35·306	− 3·772	1·10	42.6049	9·4
...	34·736	+59·756	− 4	...	...
*	34·624	+32·809	1·00	42.6050	9·8
...	34·388	+11·180	− 1	42.6051	10·3
*	34·098	− 2·113	1·40	42.6052	9·8
*	−33·884	−22·211	1·10	43·5955	9·6
...	33·292	−45·864	− 3	43·5956	10·2
...	33·192	−15·778	− 5	...	...
..	32·503	−18·847	− 4	...	...
...	32·467	−49·641	− 3	43·5957	10·2
81					
...	−31·025	+23·862	− 5	M	...
...	30·727	−58·146	0·70	43·5958	9·8
...	30·623	−56·764	− 5	...	...
...	30·556	+13·364	− 5	M	...
*	30·169	−34·281	1·25	43·5959	9·2
‡	−29·929	+13·992	1·00	42.6053	9·8
...	29·211	−59·557	− 5	...	...
...	29·010	−21·775	− 4	...	...
...	28·427	+45·229	− 2	42.6054	9·8
...	28·416	+45·375	− 3		
91					
...	−28·277	−18·646	− 5	...	...
...	28·224	+22·888	− 5	M	...
...	28·041	+31·106	− 4	...	...
...	27·922	−50·642	− 4	...	...
...	27·879	−44·018	− 4	...	...
...	−27·586	+ 8·549	− 3	42.6055	10·5
...	27·576	−24·952	− 5	...	...
...	27·528	+ 5·413	− 1	42.6056	10·4
α	26·989	− 0·049	− 4	42.6057	10·5
...	26·629	−47·854	− 5	...	...
101					
...	−25·951	−16·371	− 5	43·5960	10·2
...	25·907	−16·140	− 2		
...	25·516	−56·824	− 4	...	...
..	24·763	+26·027	− 3	..	...
...	24·658	−18·771	− 5	...	...
...	−24·601	+52·649	0·90	41.6154	10·3
...	24·585	+ 1·291	− 4	...	...
...	23·896	−22·835	0·85	43·5961	10·0
...	23·067	+39·620	− 5	M	...
...	22·741	−45·544	− 5	...	...
111					
...	−22·189	−30·487	− 5	...	...
...	22·143	−21·595	− 2	...	...
...	21·760	−52·470	− 5	...	...
*	21·507	+37·787	1·00	42.6058	9·8
...	21·072	+ 8·804	0·75	42.6059	10·2
*	−20·249	+ 4·732	1·00	42.6060	9·9
...	18·858	+40·496	− 5	M	...
...	18·489	−42·063	− 5	...	...
...	18·256	+41·803	− 5	M	...
...	18·213	−43·407	− 5	...	...

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
121–180					
121					
...	−17·814	+39·164	0·80	42.6061	10·3
...	17·802	− 4·635	− 5	...	...
...	17·706	+40·716	− 5	M	...
...	16·833	− 5·875	− 5	...	...
‡	16·339	− 9·864	1·60	43·5962	8·6
...	−16·238	+ 3·192	− 1	42.6062	10·5
...	15·983	−22·544	− 5	...	...
...	15·611	+13·122	− 5	M	...
†	15·417	+45·017	− 4	...	...
...	15·389	+21·950	0·70	42.6063	10·0
131					
...	−14·654	−39·358	− 3	43·5964	10·2
...	14·615	−45·579	− 4	...	...
*	14·271	−27·142	1·40	43·5965	9·0
...	13·964	−29·584	− 4	...	...
...	12·287	−25·371	− 4	...	...
...	−12·101	− 7·406	− 3	42.6064	10·5
...	11·728	+27·625	− 4	...	...
S *	11·446	−56·964	1·20	43·5967	9·2
*	11·359	+36·179	1·10	42.6065	9·6
S *	11·063	−19·940	1·45	43·5968	8·8
141					
*	−11·036	+19·021	1·10	42.6066	10·0
*	10·321	−52·895	1·20	43·5969	9·6
...	9·399	−15·913	− 4	...	...
...	9·200	+27·108	− 3	42.6067	10·4
...	8·634	+23·656	− 5	...	...
...	− 8·566	−42·072	− 5	...	...
*	8·513	+27·259	1·10	42.6068	9·9
...	8·296	− 3·015	− 4	...	...
S *	8·261	+58·858	1·30	41.6161	8·9
...	7·727	−40·074	− 5	...	...
151					
...	− 7·646	+40·555	− 4	...	..
...	7·163	+42·124	− 4	...	...
...	6·929	+ 4·371	− 5	M	...
*	6·765	+55·123	1·10	41.6163	9·4
...	6·649	+16·649	− 5	M	...
...	− 6·629	+20·705	− 5	M	...
...	6·418	+13·710	− 4	...	...
...	6·415	+35·955	− 5	M	...
...	5·458	−19·963	− 4	43·5970	10·2
...	5·425	+ 1·804	− 4	A	...
161					
...	− 5·162	−10·158	− 2	43·5971	10·2
...	4·297	−38·836	− 3	...	...
...	3·463	+ 9·144	− 5	M *m*	...
...	2·980	−30·881	− 4	...	...
...	2·977	+ 2·659	− 3	M	...
...	− 2·556	−43·846	− 5	...	...
...	2·424	+41·948	− 5	...	...
...	1·999	−48·765	− 2	43·5972	10·2
*	1·849	+ 6·765	1·10	42.6069	9·8
S *	1·695	+27·077	2·23	42.6070	8·0
171					
...	− 0·628	+50·123	− 3	42.6072	10·3
...	0·583	+16·878	− 2	42.6071	10·3
...	0·447	+36·261	− 5	M	...
‡	0·338	+ 5·060	1·05	42.6073	9·5
...	0·305	+36·391	0·70	42.6074	10·3
...	− 0·228	+46·883	− 2	42.6076	10·3
...	0·157	+19·133	− 5	M	...
†	− 0·094	+ 5·516	0·80	42.6075	9·8
...	+ 0·015	+40·803	− 2	42.6077	10·3
...	0·497	− 9·781	− 2	42.6078	10·5

CH measured from I. 117, 252.
B .. .. 57, 179, 316.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
181-240					
181					
...	+ 0′556	+45′179	− 3	42.6079	10·5
...	1·079	+ 9·171	− 5	M *m*	...
...	1·655	−48·856	− 5	M	...
*	1·865	+37·210	1·40	42.6080	8·8
...	2·114	−18·298	− 5	..	...
*	+ 2·275	+16·003	1·10	42.6081	9·6
*	2·587	−15·405	1·50	43.5973	9·0
...	2·804	+39·170	− 3	...	...
...	2·886	+42·267	− 5	M	...
...	2·939	−13·568	− 5	M	...
191					
...	+ 3·494	+31·541	− 5	M *m*	...
...	3·548	+31·502	− 4	M	..
...	3·706	−33·964	− 5	...	...
*	3·870	−30·745	1·00	43.5975	9·6
...	3·913	−21·146	− 5	...	...
...	+ 4·334	+35·522	− 4	42.6082	10·5
...	4·441	+35·927	− 3	42.6083	10·5
*	5·290	− 1·818	1·00	42.6084	9·6
...	5·325	+57·017	− 5	...	...
...	5·553	+54·080	0·90	41.6173	9·9
201					
...	+ 5·838	−43·026	− 5	...	...
...	6·483	−46·181	− 5	...	...
...	6·536	−14·372	− 4	...	...
...	6·810	−12·609	− 4	...	...
...	6·869	−42·957	− 5	...	...
S *	+ 6·966	− 8·730	1·75	43.5976	9·0
*	7·027	−51·928	1·20	43.5977	9·4
†	7·987	+10·037	− 4	...	...
...	8·518	− 9·589	− 5	43.5978	10·2
...	8·637	−38·689	− 5	...	...
211					
*	+ 9·364	+ 9·425	1·00	42.6085	9·8
...	9·411	−24·415	0·90	43.5979	10·0
...	9·833	−35·826	− 4	...	...
‡	9·976	− 0·094	1·00	42.6086	9·8
...	10·030	+31·875	0·75	42.6087	10·0
*	+10·150	+ 6·540	1·10	42.6088	9·8
...	10·376	− 7·267	− 5	...	...
...	10·466	−44·160	− 3	...	...
...	10·558	+57·572	− 5	...	...
...	10·736	+32·306	0·65	42.6089	10·5
221					
...	+10·801	+22·689	− 4	...	...
...	11·625	+26·224	− 5	...	...
...	12·037	+15·905	0·75	42.6090	10·4
...	12·555	−49·555	− 5	...	...
...	12·732	− 9·509	− 5	...	...
S *	+13·176	−39·472	1·30	43.5980	9·2
...	13·187	+44·257	− 3	...	...
...	13·204	+26·123	− 5	...	...
...	13·871	+31·147	− 5	...	...
...	14·050	+42·619	0·75	42.6091	10·4
231					
...	+14·151	+56·387	0·90	41.6179	9·9
...	14·509	+32·273	− 5	...	...
*	15·112	−15·113	1·10	43.5981	9·2
...	15·308	−53·430	− 3	...	...
...	15·397	+20·265	− 4	*a*	...
*	+15·449	+40·677	1·00	42.6092	9·8
...	15·486	− 9·320	− 5	...	...
*	16·599	+52·012	1·00	42.6093	9·8
...	16·659	+56·960	− 5	...	...
...	17·155	+38·038	− 5	...	...
241-300					
241					
...	+17·179	+26·294	− 3	...	...
...	17·529	+58·417	− 5	..	...
...	17·621	+45·486	− 3	...	...
*	18·448	+38·962	1·20	42.6094	9·4
...	18·652	−29·712	− 3	43.5982	10·2
‡	+18·995	−44·804	1·10	43.5983	9·2
...	19·220	+33·018	0·85	42.6095	9·9
...	19·545	−52·523	− 4	...	...
...	19·558	−34·407	− 1	43.5984	10·2
...	19·761	+41·838	0·80	42.6096	10·4
251					
‡	+19·869	−16·544	1·30	43.5985	9·2
...	20·351	+ 7·445	− 5	*m*	...
...	20·420	+19·810	− 4	...	...
...	20·483	+37·098	− 3	42.6097	10·5
...	20·521	−41·475	− 5	...	...
*	+20·645	−25·381	1·00	43.5986	9·6
..	21·320	−35·127	− 5	...	...
...	21·464	− 4·186	− 3	42.6098	10·4
S *	21·770	+10·937	1·73	42.6099	8·4
...	22·376	+31·341	− 3	42.6100	10·3
261					
...	+22·597	−13·568	− 4	...	...
...	22·862	−59·537	− 5	...	...
...	23·257	+ 0·027	− 5	*m*	...
...	23·382	− 5·114	− 5	...	...
*	24·126	−22·295	1·20	43.5987	9·5
...	+24·607	−58·869	− 5	...	...
*	25·171	+56·705	1·20	41.6187	9·5
...	25·583	−22·484	− 4	...	...
..	25·624	+51·666	− 5	...	...
...	25·699	+11·689	− 5	...	...
271					
...	+25·834	−37·128	− 5	...	...
...	26·231	+14·588	− 5	...	...
...	26·371	+57·135	− 3	41.6188	9·9
...	26·416	−51·502	− 5	...	...
...	26·477	−35·349	− 5	*a*	...
...	+26·691	+36·738	− 1	42.6101	10·4
...	26·945	+ 7·410	− 5	...	...
...	26·950	−46·866	− 5	...	...
...	27·190	−27·143	0·70	43.5988	10·0
...	27·834	+37·342	0·75	42.6102	10·2
281					
...	+28·123	−15·952	− 5	...	...
...	28·154	−17·402	− 4	...	...
...	28·492	−46·703	− 5	...	...
*	29·016	−25·240	1·00	43.5990	9·8
...	29·251	+44·147	− 5	...	...
...	+29·584	−17·951	0·70	43.5991	10·0
*	30·011	−20·633	1·50	43.5992	8·8
...	30·117	+ 0·965	− 3	...	..
...	30·480	+49·205	− 3	42.6103	10·3
...	30·635	+23·930	− 2	42.6104	10·5
291					
...	+30·691	+ 8·150	− 5	*m*	...
*	30·898	− 4·046	1·10	42.6105	9·9
...	30·974	−42·656	− 1	43.5993	10·2
...	31·163	−46·668	− 4	...	...
...	31·547	−17·971	− 4	...	...
...	+31·606	−10·727	− 3	...	...
...	33·773	+27·792	− 5	...	...
...	33·952	−28·504	− 5	...	...
*	34·396	−16·369	1·10	43.5994	10·0
...	34·926	−20·190	− 4	...	...
301-360					
301					
...	+35′189	+36′391	0·70	42.6106	10·3
...	35·880	+14·659	− 5	...	...
...	36·363	+47·181	− 5	...	...
...	36·437	− 5·641	− 3	...	...
...	36·586	+39·327	0·75	42.6107	10·0
...	+36·919	−15·553	− 3	...	...
*	36·986	+43·143	1·10	42.6108	9·9
...	37·738	−54·463	− 4	...	...
...	37·742	−37·414	− 3	...	...
...	37·967	+20·734	− 5	...	...
311					
...	+38·814	+16·068	− 5	...	...
...	38·993	−34·159	− 4	...	...
...	39·211	−48·566	− 3	43.5995	10·2
*	39·572	− 6·571	1·20	42.6109	9·5
*	39·695	−30·290	1·20	43.5996	9·6
...	+39·943	−29·640	− 3	43.5997	10·2
...	40·090	−28·718	− 4	...	...
S *	40·186	+57·361	1·33	41.6194	8·8
...	40·565	−27·502	− 3	...	...
...	40·794	−26·813	− 5	...	...
321					
...	+40·917	+47·050	− 5	...	...
...	41·048	+23·492	0·90	42.6110	10·1
S *	41·816	+ 8·034	1·28	42.6111	9·2
...	41·833	−23·815	0·70	43.5998	10·2
...	42·058	+ 8·497	− 5	...	...
...	+43·077	−39·273	− 3	...	...
...	43·168	+20·664	− 5	...	...
...	43·241	−52·048	− 5	*b*	...
...	43·709	+50·365	0·90	42.6112	9·8
...	44·491	+41·760	− 4	...	...
331					
*	+44·913	−23·534	1·80	43.5999	8·6
...	44·960	−44·426	0·70	43.6000	9·9
...	45·140	+45·943	− 5	...	...
...	45·755	− 9·535	− 3	43.6001	10·2
...	45·911	−18·782	− 3	...	...
...	+46·665	+ 2·169	− 5	...	...
...	46·871	+ 4·123	0·70	42.6113	10·3
...	47·260	− 6·422	− 4	...	...
...	47·310	−44·298	− 3	.	...
...	47·342	+ 0·955	− 5	...	...
341					
...	+48·077	−43·208	− 3	...	...
...	48·145	+38·835	− 3	...	...
...	50·562	−48·648	− 3	43.6002	10·2
...	50·678	+21·714	− 5	...	...
...	50·819	+ 9·456	− 4	...	...
...	+50·899	+15·673	− 4	...	...
...	51·015	−13·918	− 3	...	...
...	51·236	+14·458	− 3	...	...
...	51·277	−18·489	0·90	43.6003	9·8
...	51·485	−37·156	0·90	43.6004	10·0
351					
...	+52·803	+42·411	0·90	42.6114	9·9
S *	52·822	−19·590	1·30	43.6005	9·4
...	53·179	+30·847	− 5	42.6115	10·5
*	53·346	+28·502	1·00	42.6116	9·8
...	53·421	+29·736	− 5	...	...
*	+53·555	−50·845	1·05	43.6007	9·6
...	53·828	−18·675	− 4	...	...
...	53·861	+38·144	0·70	42.6117	10·1
...	54·065	−50·593	− 3	43.6008	10·2
†	54·242	−39·748	0·85	43.6009	10·0

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	+.	No.	Mag.
361–370					
361					
..	+54·582	+24·369	− 4	...	...
.	55·810	−53·659	− 3	43.6011	9·8
..	56·187	−35·392	− 5	...	...
*	56·320	−26·614	1·10	43.6012	9·6
S *	57·263	−34·023	1·70	43.6013	9·0
...	+57·534	−52·862	0·85	43.6014	9·6
..	57·865	+23·387	0·70	42.6118	10·3
...	58·060	+13·635	− 4	..	...
..	58·207	−16·591	0·70	...	...
...	58·700	−20·313	− 5	...	...
371–379					
371					
*	+58·793	−53·561	2·00	43.6015	9·0
...	58·928	−52·467	− 4	43.6016	10·2
...	58·963	− 6·850	0·75	42.6121	10·3
...	58·995	−26·674	− 3	...	...
...	59·015	+21·791	− 4	42.6120	10·5
...	+59·048	−23·305	− 5	...	...
S *	59·094	+26·709	1·20	42.6119	9·5
...	59·494	−52·534	− 5	43.6017	10·2
...	59·610	− 6·021	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	+.	No.	Mag.
1–40					
1					
...	−59·300	+15·545	− 5	...	...
...	59·192	+ 9·342	− 5	...	...
.	58·919	+14·349	− 4	..	..
—	58·303	−14·024	− 4	...	..
...	58·180	+42·344	0·65	42.6114	9·9
...	−57·892	−18·578	0·70	43.6003	9·8
...	57·708	−48·748	− 5	43.6002	10·2
..	57·456	+30·785	− 4	42.6115	10·5
*	57·233	+28·446	1·05	42.6116	9·8
...	57·184	+29·675	− 5	...	...
11					
..	−57·126	−37·238	− 1	43.6004	10·0
...	57·000	+38·107	− 2	42.6117	10·1
S *	56·314	−19·636	1·20	43.6005	9·4
...	55·862	+24·349	− 4	...	...
..	55·338	−18·691	− 4	...	...
...	−54·636	−50·842	0·75	43.6007	9·6
†	54·280	−39·747	− 2	43.6009	10·6
...	54·147	−50·582	− 5	43.6008	10·2
*	52·620	−26·558	1·00	43.6012	9·6
...	52·562	+23·468	− 3	42.6118	10·3
21					
...	−52·485	−35·327	− 5	...	...
...	52·302	−53·601	− 2	43.6011	9·8
..	52·078	+13·730	− 4	...	...
S *	51·444	−33·936	1·35	43.6013	9·0
S *	51·432	+26·823	1·18	42.6119	9·5
	−51·356	+21·896	− 4	42.6120	10·5
...	51·024	−16·480	− 3	...	...
.	50·955	+23·882	− 5	..	...
...	50·612	−52·754	0·80	43.6014	9·6
...	50·563	− 6·720	− 1	42.6121	10·3
31					
...	−50·435	−20·193	− 5	...	...
...	49·930	−26·524	− 4	...	...
..	49·405	+32·803	− 2	42.6122	10·2
*	49·334	−53·418	1·40	43.6015	9·0
..	49·232	−52·311	− 5	43.6016	10·2
*	−48·774	−24·901	1·00	43.6018	9·8
...	48·654	−52·373	− 5	43.6017	10·2
...	48·253	−42·471	− 5	..	...
...	47·851	+51·550	− 3	41.6211	10·1
...	47·712	− 0·233	− 4	a	...
41–80					
41					
...	−46·787	−30·462	− 5	...	...
...	46·643	+13·197	− 3	42.6124	10·5
*	46·610	− 6·681	1·35	42.6123	8·8
...	46·494	−25·541	0·65	43.6019	10·2
...	46·465	+34·742	− 4	...	...
...	−46·095	+46·213	− 5	..	...
*	45·939	+12·477	1·05	42.6125	9·6
..	45·712	+59·736	− 5	41.6213	10·3
...	45·516	−35·117	− 2	43.6020	10·2
...	45·193	+23·733	− 5	..	..
51					
...	−44·755	−32·881	− 5	..	..
...	44·704	+41·032	− 5	...	...
...	44·471	+48·642	− 5	...	..
...	44·353	−22·394	0·65	43.6022	10·0
...	44·242	−47·226	− 3	43.6021	10·2
.	−44·240	+39·402	− 5	...	...
...	43·739	+ 9·324	− 5	A	...
S *	43·696	+13·074	1·10	42.6126	9·8
...	43·530	+50·585	− 5	...	...
...	43·058	− 2·043	− 4	..	...
61					
...	−42·886	+16·540	− 5	A	...
...	42·478	−38·270	0·70	43.6023	10·0
*	42·000	+44·667	1·15	42.6128	9·4
...	41·928	+15·029	− 4	42.6127	10·5
	41·208	−48·972	0·70	43.6024	9·6
	−40·415	−58·600	0·65	43.6025	9·8
*	40·333	−56·542	1·05	43.6026	9·5
*	39·737	+ 1·656	1·20	42.6129	9·8
..	39·215	−17·427	− 5	...	...
...	38·968	+44·011	− 5	A	..
71					
...	−38·680	+37·406	− 1	42.6130	10·3
...	38·041	+29·380	− 5	...	.
...	37·823	+54·350	− 5	.	...
...	36·323	− 4·907	− 4	.	...
...	36·119	−36·956	− 4	.	.
...	−35·370	−32·334	− 5	...	...
..	33·814	+31·873	− 5	A	..
...	33·458	−12·079	− 3	...	...
..	33·363	+49·289	− 1	42.6131	10·1
..	32·969	−53·227	− 5	...	...
81–120					
81					
...	−32·263	−11·487	− 5	...	...
...	31·778	+28·270	− 5	A	...
S ‡	31·301	+45·033	1·20	42.6132	9·2
...	31·225	−55·399	− 5	...	..
...	30·537	+45·263	− 5	...	...
*	−30·321	−34·435	1·30	43.6027	9·5
...	30·230	+25·870	0·70	42.6133	10·3
*	29·687	−58·086	1·10	43.6028	9·5
...	27·340	+29·745	− 5	...	...
...	27·326	+ 5·251	− 5	A	...
91					
...	−27·304	−14·322	− 3	...	...
...	27·003	+39·598	− 3	...	...
*	26·428	− 3·342	1·00	42.6134	9·8
...	26·340	+38·736	− 3	...	...
...	26·153	−43·242	− 5	...	...
...	−25·660	+35·989	− 1	42.6135	10·3
...	25·447	+ 8·439	− 5	...	...
*	25·385	+28·697	1·00	42.6136	9·9
...	25·297	−50·471	− 3	43.6029	10·2
...	24·653	+46·711	− 5	...	...
101					
...	−24·487	−37·822	− 5	...	...
...	24·478	+ 1·155	0·80	42.6137	10·0
...	24·472	− 2·482	− 4	...	...
...	23·982	−57·177	− 5	...	..
*	23·673	−31·202	1·00	43.6030	9·6
...	−23·326	−18·515	− 5	...	...
..	22·854	+10·361	− 5	A	...
*	22·707	−23·097	1·20	43.6031	9·4
...	22·666	+ 7·360	− 4	...	...
...	22·488	−52·775	− 3	43.6032	10·2
111					
...	−21·657	+20·575	− 4	...	...
*	21·340	+ 1·116	1·20	42.6138	9·4
...	21·275	−12·916	− 3	43.6033	10·2
.	21·094	+32·402	− 4	...	...
S	20·579	+ 8·640	1·23	42.6139	9·2
...	−19·538	+29·941	− 5	...	...
*	19·150	+ 9·852	1·00	42.6140	9·8
	18·491	−39·100	0·65	43.6034	10·2
...	18·097	−45·393	0·65	43.6035	10·2
...	17·861	−58·187	− 5	...	...

CH measured from 1.
S ,, ,, 183

121–180

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
121					
...	−17·599	+33·788	− 3	42.6141	10·5
*	17·243	−49·859	1·10	43.6036	9·6
...	17·173	+16·265	− 4	...	...
...	17·108	+ 6·438	− 4	A	...
..	16·906	−53·615	− 5	...	...
S *	−16·649	−26·694	1·20	43.6037	8·9
...	16·510	−27·813	− 5	.	...
...	16·316	+25·981	− 5	...	...
...	16·125	−37·489	− 3	..	...
...	15·290	+40·523	0·70	42.6142	10·0
131					
...	−14·831	+13·649	− 4	...	...
...	14·509	+36·197	− 1	42.6143	10·1
...	14·278	−47·063	− 4	...	...
*	13·529	+ 9·752	1·10	42.6144	9·8
...	13·424	−33·107	− 5	...	...
...	−13·359	− 6·587	− 2	42.6145	10·5
..	13·015	+26·061	− 5	A	...
...	12·574	+56·540	− 2	41.6241	10·1
...	12·476	−55·706	− 5	...	...
†	12·376	+50·094	− 5	...	...
141					
...	−12·179	−37·232	− 3	..	...
..	11·518	+32·972	− 3	42.6146	10·5
...	10·784	−20·680	− 3	43.6039	10·2
*	10·648	+48·778	1·35	42.6147	9·0
...	10·233	−13·577	− 2	43.6040	10·2
+	−10·178	+28·220	1·20	42.6148	9·2
...	9·298	−46·564	− 2	43.6041	10·2
...	9·243	+36·022	− 4	...	...
.	9·224	+10·985	− 5	B	...
...	9·204	+ 3·974	− 5	B	...
151					
...	− 9·086	−10·767	− 4	...	...
...	8·888	− 4·615	− 3	...	...
...	8·566	+ 6·757	− 5	B	...
...	8·288	+28·355	0·90	42.6149	9·9
...	8·253	+10·010	− 4	A	...
...	− 8·192	+49·528	− 2	42.6150	10·2
...	8·063	+29·612	− 5	...	...
†	8·006	+20·242	− 5	A	...
...	7·133	+16·761	− 2	42.6151	10·4
...	7·127	+ 2·705	− 5	B	...
161					
...	− 6·728	− 6·425	− 1	42.6152	10·3
...	6·689	−41·443	− 5	...	...
...	5·995	−32·292	− 4	...	...
S *	5·586	+41·935	1·15	42.6153	9·4
...	4·942	+21·597	− 5	A	...
...	− 4·930	−26·560	− 4	...	...
...	4·784	−43·809	− 5	...	...
...	3·863	+59·948	− 5	...	.
..	3·781	−33·498	− 5	*m*	...
...	3·412	−19·962	− 5	...	...
171					
...	− 3·086	+20·001	− 4	...	...
...	2·606	− 8·016	− 1	43.6043	10·2
...	2·321	+31·928	− 5	*m*	...
...	1·949	+ 8·845	− 1	42.6154	10·5
...	1·765	−32·197	− 5	...	...
...	− 1·759	−39·520	0·70	43.6044	10·2
...	1·734	+47·903	− 2	42.6155	10·3
...	1·696	−47·930	− 5	...	...
...	1·675	− 8·623	− 2	43.6045	10·3
...	1·209	+42·189	− 2	42.6156	10·4

181–240

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
181					
..	− 1·207	−52·395	− 2	43.6046	10·2
.	− 1·089	−39·331	− 2	43.6047	10·0
*	+ 0·266	+33·160	1·00	42.6157	9·8
...	0·767	+56·053	− 5	...	...
*	1·440	+45·636	1·15	42.6158	9·4
N	+ 1·515	−32·240	0·80	43.6048	9·6
N	1·585	−32·231	− 4		
...	1·801	− 8·461	0·70	43.6049	10·2
...	1·997	+35·980	− 5	M *a*	.
...	2·005	+ 9·586	− 5	M *a*	...
191					
...	+ 2·639	+21·751	− 5	M	...
...	4·263	−17·571	− 4	...	.
*	4·691	−18·889	1·20	43 6051	9·3
...	4·941	+25·628	− 5	*a*	..
...	6·181	−13·523	− 3	...	...
...	+ 7·164	− 5·315	0·75	42.6159	10·1
S *	7·343	+ 9·842	3·48	42.6160	7·0
...	7·908	+31·387	− 4	42.6161	10·5
	8·228	+ 7·677	− 4	...	..
S *	8·425	−21·447	1·15	43.6053	9·5
201					
...	+ 8·852	−10·618	− 3	43.6055	10·2
..	9·134	−29·890	− 3	43.6056	10·2
...	9·593	+ 3·126	− 3	...	...
...	9·934	− 7·759	0·80	42.6162	10·0
.	10·015	− 5·210	− 3	42.6163	10·3
..	+10·148	−56·666	− 5	...	...
...	10·274	−45·074	− 5	...	...
...	10·616	−14·604	− 4	...	...
...	11·375	−15·205	0·80	43.6058	10·0
...	11·916	−15·809	− 4	...	...
211					
...	+12·302	−59·348	0·70	43.6059	10·0
...	12·457	+54·979	− 5	...	...
...	13·369	+36·281	− 4	...	...
...	13·533	−47·441	− 4	...	...
...	14·165	−55·922	0·80	43.6060	9·9
...	+14·950	+ 1·533	0·70	42.6164	10·3
...	15·468	+51·220	− 3	42.6165	10·5
...	16·311	+54·653	− 4	41.6257	10·5
...	16·770	+30·088	− 5	...	..
..	16·802	+28·571	− 5		...
221					
...	+16·942	+57·153	− 5	...	...
...	16·976	−16·464	− 4	...	...
...	17·136	−20·526	− 4	.	.
...	17·358	+ 5·421	− 5	*a*	...
...	17·639	+28·113	− 5	.	...
...	+17·869	+15·003	− 5	...	.
...	18·411	+10·961	− 4	.	.
*	19·261	+16·969	1·20	42.6166	9·2
...	19·414	+19·823	− 5	...	...
...	19·567	+32·776	− 5	...	...
231					
...	+20·331	+40·403	0·65	42.6167	9·9
*	20·375	+58·712	1·30	41.6260	9·0
...	20·998	−25·616	0·80	43.6065	9·9
...	21·142	+26·602	− 5	...	...
...	21·322	−29·118	− 5	...	...
...	+22·610	+ 6·228	− 4	...	...
...	22·757	−10·379	0·70	43.6067	10·2
*	22·965	+ 4·749	1·15	42.6168	9·4
...	23·259	+28·823	− 5	..	...
S *	23·536	+49·806	2·70	42.6169	7·5

241–300

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
241					
...	+24·925	− 8·441	− 4	...	...
..	25·314	+ 2·887	− 5	*a*	...
...	25·323	−21·615	− 5	...	...
	26·573	−17·678	0·70	43.6068	10·2
.	27·084	−51·938	− 4	..	...
*	+27·109	−18·043	1·20	43.6069	9·2
	27·277	−12·446	− 4	...	...
...	27·801	+46·539	0·90	42.6170	9·8
...	* 27·831	+ 1·819	1·00	42.6171	9·6
...	27·997	+41·507	− 5	...	...
251					
...	+28·013	+10·377	− 2	.	...
...	28·032	− 5·941	− 5	..	....
...	28·332	−35·132	− 5	...	...
...	29·058	+21·358	− 4		...
...	29·372	+47·604	− 3	42.6172	10·3
...	+30·014	+48·415	− 5	...	..
*	30·259	+29·101	1·30	42.6173	9·1
...	30·262	−21·527	− 5	...	...
.	30·522	−51·234	− 4	...	...
...	30·954	+23·999	0·80	42.6174	10·0
261					
†	+31·638	−39·628	− 4	...	...
...	31·919	+ 1·384	− 5	...	...
...	32·068	+33·130	− 5	42.6175	10·5
...	32·692	−38·728	− 4	43.6070	10·2
...	33·033	−42·588	− 5	...	...
..	+33·577	−25·991	− 4	...	...
...	33·926	− 9·315	− 5	...	...
...	34·298	+47·635	− 2	42.6176	10·4
...	34·474	− 9·287	− 1	43.6071	10·2
...	34·521	−36·556	0·70	43.6072	10·2
271					
...	+34·858	−35·264	− 3	...	...
...	35·155	+42·514	− 5	...	...
...	35·528	+54·682	− 4	...	...
*	35·666	+23·257	3·00	42.6177	7·2
...	35·701	+15·556	− 4	.	...
...	+36·086	−43·782	− 3	...	...
...	36·144	+37·324	− 5	...	...
...	37·094	+21·260	− 5	...	...
.	37·638	+46·128	− 1	42.6178	10·2
...	37·780	+39·903	− 4	...	...
281					
...	+38·256	−25·861	− 5	...	...
...	38·934	+41·155	0·70	42.6179	10·0
...	39·095	− 6·568	− 5	...	...
*	39·346	−33·458	1·00	43.6074	9·8
...	39·583	+54·236	− 5	...	...
†	+39·621	+ 6·784	− 2	42.6181	10·5
...	39·662	+58·386	− 4	41.6269	10·5
*	39·920	+40·514	2·60	42.6180	7·3
..	40·022	+54·051	− 4	41.6270	10·5
...	40·110	+15·047	− 5	...	...
291					
...	+40·132	+ 6·521	0·90	42.6182	9·9
..	40·602	−40·673	− 5	...	...
...	41·598	+24·615	− 4	...	...
...	41·666	+46·284	− 3	...	...
...	42·030	−52·112	0·70	43.6075	10·2
...	+43·158	+49·761	− 5	...	...
*	43·300	+32·210	1·40	42.6183	8·6
...	43·543	+39·887	− 5	...	...
..	44·220	−23·765	− 5	...	...
...	44·386	+ 1·715	− 5	*a*	...

186, 187. 44°·79, two stars; 44°·80, mass.

301–320

Notes.	Co-ordinates. x.	y.	Diam. s.	C.P.D. No.	Mag.
301					
...	+45·429	+36·514	− 5	a	...
...	45·552	−57·997	0·70	43.6076	9·8
...	45·662	−10·295	− 4	...	..
...	45·677	−19·391	− 5	...	...
...	46·291	− 5·107	− 5	...	...
...	+46·628	−13·691	− 5	...	...
*	46·941	+34·810	2·00	42.6184	8·2
...	46·961	−15·950	− 2	...	...
...	47·175	−49·048	− 4	43.6077	10·2
...	47·738	−37·085	− 4	...	...
311					
...	+47·805	+ 7·519	− 4	...	...
...	48·743	+26·556	− 3	42.6185	10·4
...	49·086	−31·439	− 5	...	..
...	49·306	+16·742	− 4	...	...
...	49·659	+19·013	0·70	42.6187	10·2
*	+49·912	+47·042	1·80	42.6186	8·5
S *	51·016	+27·637	1·90	42.6188	7·8
...	51·275	− 9·029	− 5	...	...
...	51·366	−55·949	− 5	...	..
...	51·595	−22·144	− 5	...	..

Notes.	Co-ordinates. x.	y.	Diam. s.	C.P.D. No.	Mag.
321					
S *	+51·699	−31·822	1·13	43.6080	9·5
e *	52·383	− 0·375	1·20	42.6189	9·4
...	52·496	−38·775	− 5	...	...
S *	52·700	−12·344	1·00	43.6081	9·6
...	53·034	+ 3·620	0·70	42.6190	10·4
...	+54·552	−44·215	− 1	43.6082	9·9
†	54·699	+21·576	0·90	42.6191	9·8
...	54·876	+18·364	− 5	e	...
...	55·081	−45·032	− 4	...	...
...	55·162	+23·367	− 5	e	...
331					
...	+55·769	+40·331	− 5	...	...
..	56·087	−35·501	− 2	43.6083	9·9
...	56·237	−35·470	− 4		
...	56·383	+41·639	0·90	42.6192	9·6
...	56·730	+12·829	− 4	...	...
...	+58·274	−17·611	0·70	43.6084	9·9
...	58·609	−17·501	− 1	43.6085	10·2
*	58·709	+ 5·395	1·00	42.6194	9·8
...	58·716	− 7·666	− 3	42.6195	10·2
*	59·004	+32·518	1·00	42.6193	9·6

Notes.	Co-ordinates. x.	y.	Diam. ...	C.P.D. No.	Mag.

1–30

1					
...	−59·835	− 3·674	− 5	M	...
...	59·714	−31·603	− 5	...	...
S *	59·533	+27·513	2·25	42.6188	7·8
...	58·181	− 9·129	− 4	..	...
...	57·480	−22·238	− 5	...	...
E *	−57·339	− 0·439	1·25	42.6189	9·4
S *	57·072	−31·909	1·20	43.6080	9·5
...	56·800	+ 3·564	0·70	42.6190	10·4
...	56·688	−56·022	− 4	...	...
S *	56·658	−12·402	1·20	43.6081	9·6
11					
...	−56·075	−38·824	− 5	..	...
...	56·006	+ 2·983	− 5	M	...
...	55·808	+46·606	− 5	M	...
*	55·685	+21·549	1·20	42.6191	9·8
...	55·404	+18·342	− 3	E	...
...	−55·265	+23·359	− 5	E	...
...	55·165	+40·334	− 3	...	...
*	54·584	+41·663	1·30	42.6192	9·6
...	53·860	−44·192	− 1	43.6082	9·9
...	53·384	+12·868	− 4	...	..
21					
...	−53·291	−45·015	− 4	..	...
n	52·576	−35·464	0·70	43.6083	9·9
...	52·481	−39·478	− 4	...	...
n	52·427	−35·426	− 2	43.6083	9·9
*	51·709	+32·619	1·30	42.6193	9·6
...	−51·488	−59·042	− 5	...	...
*	51·174	+ 5·494	1·20	42.6194	9·8
...	50·919	−17·502	0·80	43.6084	9·9
...	50·775	− 7·550	− 1	42.6195	10·2
...	50·594	−17·389	0·70	43.6085	10·2

31–60

31					
...	−50·245	+47·316	− 3	...	...
...	50·148	−20·263	− 5	...	...
*	49·764	+ 3·206	1·20	42.6196	9·6
...	49·285	+16·608	− 5	M	...
...	49·244	−22·812	− 3	...	..
...	−49·161	−11·243	− 5	M	...
...	49·112	−28·963	− 5	...	...
...	49·108	− 1·650	− 4	...	...
...	49·020	− 4·010	− 5	...	...
...	48·587	+30·810	− 5	M	...
41					
...	−48·446	+32·173	− 4	...	...
...	48·360	+ 5·344	0·90	42.6197	10·4
...	47·957	+23·178	− 4	A	...
..	47·848	+11·685	− 2	..	...
...	47·825	−28·894	− 5	M	...
*	−47·355	−46·900	1·00	43.6088	9·8
...	47·038	+26·569	− 4	...	...
...	46·845	−43·671	− 4	...	...
*	46·670	−17·525	1·20	43.6090	9·8
...	46·628	−34·764	− 1	43.6089	10·2
51					
*	−46·354	+26·068	1·30	42.6198	9·6
...	46·181	−55·365	− 4	A	...
...	45·920	+27·644	− 5	...	...
†	45·048	−37·813	− 4	...	...
...	44·238	+36·929	− 4	...	...
†	−44·031	+ 1·942	− 4	A	...
...	43·896	−44·714	− 5	...	..
...	43·715	−45·381	0·65	43.6091	10·0
...	43·561	+31·011	− 3	...	...
...	43·202	+18·952	− 5	M	...

61–90

61					
*	−42·930	+33·468	1·40	42.6199	9·2
...	42·862	+43·549	− 5	M	...
...	42·722	−27·845	− 3	...	...
...	42·424	−17·749	− 5	...	...
...	41·487	−29·411	− 4	...	...
...	−41·451	+11·995	− 5	M	...
...	41·446	− 7·215	− 5	M	...
...	41·325	−23·446	− 3	...	...
...	40·907	+14·397	− 3	...	...
...	40·878	−13·486	− 5	...	...
71					
...	−40·545	−13·754	− 5	...	...
...	39·863	+46·471	0·80	42.6200	10·0
...	39·826	−41·105	− 5	...	...
...	39·402	−35·086	− 3	...	...
...	39·327	+ 2·268	− 5	...	...
*	−39·211	+29·614	1·20	42.6201	9·4
...	38·999	−46·878	− 5	...	...
...	38·989	−11·938	− 4	...	...
*	38·853	−27·284	4·00	43.6093	6·6
...	38·800	− 3·730	− 5	...	...
81					
...	−38·744	−11·305	− 5	...	...
*	38·740	+ 0·472	1·40	42.6202	8·6
...	38·572	+31·596	− 4	...	...
...	38·314	−58·502	0·70	43.6094	10·1
...	38·102	−49·267	− 4	...	...
...	−37·784	−48·504	− 3	...	...
...	36·626	−24·070	− 4	...	...
...	36·610	−38·825	− 5	...	...
S *	36·453	+35·529	2·20	42.6203	7·8
...	36·281	+ 3·903	− 3	...	...

S measured from 1. 233.
CH ,, ,, 188, 347.

22, 24, C.P.D., probably mass.

91–150

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
91					
...	−35·814	−47·374	0·70	43.6095	10·2
S *	35·212	+13·541	2·70	42.6204	7·1
...	35·140	−33·509	− 5	...	...
S ‡	34·956	−47·530	2·00	43.6096	8·5
...	34·758	+46·524	− 3	...	...
*	−34·039	+23·477	1·40	42.6205	8·9
...	33·912	−42·495	0·70	...	...
...	33·821	+36·369	− 5	M	...
...	33·545	−22·402	− 4	...	...
...	33·475	+59·311	− 5	M	...
101					
...	−33·351	+31·152	− 2	...	...
...	32·367	+18·946	− 4	...	...
...	32·195	−23·002	− 3	...	...
*	31·985	−18·605	1·10	43.6097	9·9
...	31·827	−15·612	− 5	...	...
...	−31·704	+12·306	− 3	...	...
...	31·255	+ 3·330	− 3	...	...
...	29·833	−19·445	− 5	M	...
S *	29·591	−31·783	3·20	43.6098	7·1
...	29·155	−18·361	− 4	...	...
111					
..	−28·948	+ 7·148	− 5	M	...
...	28·845	−59·636	− 5	...	...
...	28·803	+30·964	− 5	M	...
...	28·755	− 0·297	− 3	...	...
...	28·404	− 7·004	− 5	M	...
...	−28·372	−37·537	− 5	...	...
...	28·161	−14·048	− 4	...	...
...	28·157	−40·424	− 4	...	...
...	28·042	− 5·367	− 5	M	...
...	27·751	−18·536	− 5	M	...
121					
*	−27·729	+10·333	1·10	42.6206	10·3
...	27·044	−13·945	0·70	...	...
...	26·843	−35·347	0·65	...	...
...	26·682	+24·710	− 4	...	...
*	26·537	−25·786	1·30	43.6099	9·4
‡	−26·474	− 4·920	2·30	42.6207	7·8
*	26·277	−35·524	1·25	43.6100	9·4
...	25·970	− 5·999	− 5	...	...
...	25·522	−12·144	− 1	...	...
*	25·476	+47·301	1·20	42.6208	9·6
131					
...	−25·366	+45·984	− 5	...	...
...	24·923	− 7·800	− 5	...	...
*	24·319	+14·294	1·20	42.6209	9·8
...	24·112	−37·297	− 5	...	...
*	24·091	− 7·459	1·20	42.6210	9·8
...	−24·060	−35·830	− 5	...	...
...	23·269	−42·123	− 1	...	...
...	23·210	+35·119	− 5	M	...
...	23·205	+29·852	− 3	...	...
...	22·553	−29·130	− 5	...	...
141					
*	−22·495	+20·973	1·55	42.6211	8·6
*	22·272	+34·618	1·15	42.6212	9·8
...	22·259	+ 2·538	− 4	...	...
...	22·171	−49·940	− 2	...	...
...	21·815	−37·957	− 5	...	...
...	−20·796	+17·442	− 3	...	...
...	20·677	−42·521	− 5	...	...
...	20·618	+ 3·291	− 3	...	...
*	20·432	− 6·974	1·25	42.6213	9·8
...	20·320	+23·802	− 5	M	...

151–210

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
151					
.	−20·271	−25·899	− 5	..	...
...	19·690	−22·116	− 4	..	..
...	19·544	+21·754	− 1		...
...	19·468	−37·815	− 5	...	...
...	19·428	+20·390	− 5	...	...
...	−19·358	+ 1·927	0·75	42.6214	10·4
...	19·328	− 7·296	− 5	M	...
...	19·125	−48·866	− 5	...	...
...	19·029	−53·836	− 3	...	...
...	18·366	−52·109	− 3	...	...
161					
...	−18·269	+10·366	− 5	M	...
...	17·584	+18·137	− 3	...	...
...	17·310	−32·751	− 5	..	..
...	17·223	−17·797	− 5	M	...
*	16·284	−39·490	1·35	43.6101	9·4
*	−16·177	+16·272	1·10	42.6215	10·0
...	15·261	−44·091	− 1	...	...
...	14·906	− 6·046	− 2	..	...
...	14·689	−54·108	− 4	..	...
*	14·662	−25·997	1·70	43.6102	8·8
171					
*	−14·431	−38·027	1·35	43.6103	9·6
*	14·133	−28·402	1·40	43.6104	9·4
...	14·102	+59·158	0·90	41.6292	9·6
...	13·860	−17·532	0·65	...	...
...	13·816	+25·404	− 1	...	..
...	−13·364	+46·289	− 5	M	...
...	12·924	− 2·736	− 5	M	...
...	12·875	−29·195	− 5	...	...
...	12·813	+ 6·422	0·85	42.6216	10·2
...	12·667	+38·370	− 4	...	...
181					
*	−11·976	+ 2·043	1·30	42.6217	9·1
...	11·587	−12·325	0·75	...	...
...	10·503	−10·457	− 5	...	...
...	10·476	−32·337	− 5	...	...
†	10·122	+39·420	0·80	42.6218	10·0
...	− 9·696	−48·078	0·70	...	...
...	9·139	− 8·546	− 4	...	...
...	8·875	− 7·070	− 4	...	...
...	8·837	+10·705	− 2	..	...
...	8·401	+ 9·041	− 5	M	...
191					
...	− 8·332	−31·794	− 4	...	...
*	8·107	−39·179	1·20	43.6105	9·7
...	7·787	−22·756	− 2	...	...
...	7·785	−52·093	− 5	..	...
...	7·771	−35·762	− 5	...	...
...	− 7·334	+24·902	− 5	M	...
...	6·343	+56·073	− 4	...	
...	6·324	+42·651	− 5	...	..
...	6·168	−49·568	− 1	...	...
...	6·025	−28·107	− 2	...	...
201					
...	− 5·896	+50·369	− 5	M	..
...	5·529	+45·688	− 4	...	...
...	5·486	+19·629	− 4	A	...
‡	5·075	−25·662	1·35	43.6106	9·0
...	4·682	−21·208	− 5	...	...
*	− 4·555	+34·610	1·10	42.6219	10·0
...	4·183	−59·715	− 5	M	...
...	4·144	+57·541	− 4	...	...
...	4·106	−37·912	− 5	...	...
...	4·044	+59·778	− 5	...	...

211–270

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
211					
*	− 4·005	+15·322	1·25	42.6220	9·4
...	3·965	−49·883	− 5	...	...
...	3·901	+11·897	− 5	M *m*	...
...	3·825	+ 1·327	− 4	...	...
...	3·711	−41·538	− 1	43.6107	10·2
*	− 3·613	+40·014	1·15	42.6221	9·6
...	3·438	+13·541	− 5	M *m*	...
S *	3·431	+ 5·395	1·65	42.6222	8·6
*	3·386	+31·297	1·00	42.6223	10·3
...	2·922	−22·883	− 5	M *m*	...
221					
...	− 2·727	−56·033	− 5	...	...
...	2·615	+49·299	− 5	...	...
..	2·120	+22·590	− 4	...	...
...	1·866	+44·314	− 5	...	...
.	1·580	+37·465	− 5	...	.
...	− 1·124	+37·823	− 5	...	...
...	0·812	− 7·890	− 5	M	...
...	0·664	− 7·880	− 4	...	...
...	0·620	+28·611	− 4	...	...
...	0·287	−41·616	− 5	..	...
231					
...	− 0·255	−15·250	− 2	...	...
‡	− 0·133	−20·908	1·30	43.6108	9·4
...	+ 0·255	+41·654	− 5	...	...
N	0·559	+41·936	− 3	*a*	...
*	0·886	+49·489	1·00	42.6224	9·8
...	+ 1·082	+10·438	− 4	A *m*	...
*	1·157	− 3·822	1·40	42.6225	9·0
...	1·531	−12·339	− 5	*m*	...
...	1·803	−28·227	0·80	43.6109	10·2
...	1·927	− 7·169	− 4	M	...
241					
...	+ 2·642	−33·443	0·70	43.6110	10·2
...	2·772	−40·491	− 3	...	...
...	2·809	+28·638	− 5	M	...
...	2·927	−17·250	0·70	43.6111	10·1
...	3·071	−37·347	0·90	43.6112	10·1
..	+ 3·568	−33·802	0·80	43.6113	10·0
...	3·594	+33·266	− 5	M	...
...	3·609	+ 6·581	− 3	...	...
...	3·747	−22·060	− 5	M	...
...	3·917	+27·740	− 3	...	...
251					
*	+ 4·117	+31·848	1·00	42.6226	10·0
...	4·255	−36·114	− 3	...	...
...	5·211	−27·774	− 5	M	...
*	5·724	+18·871	1·20	42.6227	9·6
...	6·053	+20·445	− 4	*a*	...
...	+ 6·083	+29·100	− 3	...	...
...	6·313	+47·381	0·80	42.6228	10·2
*	6·640	− 6·567	3·50	42.6229	6·8
...	6·740	+ 7·339	− 5	...	...
...	6·746	+53·146	− 3	...	...
261					
...	+ 6·758	−38·159	− 5	...	...
...	8·188	+55·386	− 5	...	...
*	8·384	−59·646	1·10	43.6114	9·7
...	8·562	−33·777	− 4	...	...
...	8·654	+ 7·353	− 3	...	...
*	+ 9·096	+49·518	1·10	42.6230	9·6
...	9·430	+52·372	− 1	...	...
...	9·533	−47·098	− 4	...	...
...	9·536	−44·127	− 5	...	...
...	9·619	+11·342	− 3	...	...

234. 42″·81, observed by Lasell.

271–330

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
271					
	+ 9·625	+12·121	− 4	...	...
...	9·758	+14·217	− 4	...	...
...	10·213	−14·286	− 5	*m*	...
*	10·580	+54·225	1·40	41.6307	9·0
	10·897	−32·947	1·10	43.6116	9·9
*	11·26	+59·632	1·20	41.6308	9·6
	11·293	−22·3[illegible]4	− 4	...	...
*	11·538	−39·973	1·30	43.6117	9·2
...	11·620	−38·036	− 5	...	...
.	12·127	+ 4·891	− 5	...	...
281					
*	+12·415	− 0·638	1·10	42.6232	9·6
*	12·496	+35·632	1·00	42.6231	9·8
*	12·663	−41·732	1·20	43.6118	9·4
..	12·989	+29·669	− 5	*m*	...
.	12·999	−45·397	− 3	...	...
.	+13·158	+31·545	− 3	...	...
S *	13·543	+28·404	3·00	42.6233	7·1
*	13·579	+12·282	1·30	42.6234	9·4
...	13·833	−51·076	− 5	...	...
...	14·015	+20·659	− 3	...	...
291					
*	+14·278	+28·163	1·20	42.6235	9·2
...	14·416	−22·772	− 5	*m*	...
...	14·927	+12·680	− 5	*m*	...
..	15·535	−25·282	− 2	...	...
	15·895	−52·091	0·70	43.6120	10·2
..	+16·197	−20·898	− 3	...	...
..	16·226	−29·115	− 5	...	...
.	16·570	−31·930	− 5	...	...
...	16·643	+38·522	0·70	42.6236	10·4
*	17·345	+52·318	1·00	41.6310	9·8
301					
..	+17·868	+39·073	− 4	...	.
..	17·890	− 7·908	− 5		
...	18·162	−35·878	− 5		
	18·722	−59·287	− 3	...	...
S *	19·104	−44·221	1·20	43.6121	9·4
...	+19·215	+ 3·056	− 4	...	...
*	19·578	+54·538	1·20	41.6312	9·2
*	19·626	+34·264	1·00	42.6237	9·8
..	19·627	−33·656	0·90	43.6122	10·0
*	20·358	−51·327	1·20	43.6123	9·4
311					
...	+20·434	+20·381	− 4	...	...
...	20·459	+26·347	− 5	...	...
.	20·644	+41·201	1·40	42.6238	9·1
...	20·708	− 4·065	− 1	42.6239	10·3
	21·144	+26·688	− 4	...	...
.	+21·220	− 1·338	− 5	...	...
.	21·257	−10·057	0·65	...	...
..	21·577	+25·433	− 1	42.6240	10·4
	21·689	−57·595	− 3	...	...
	21·736	+26·123	0·90	42.6241	10·0
321					
*	+22·15	−26·9[illegible]	1·20	43.6124	9·4
	22·151	−35·353	− 5	...	...
	22·419	+31·[illegible]45	− 5	*m*	...
...	22·[illegible]	−47·044	− 5	...	...
*	22·898	− 0·852	1·20	42.6242	9·8
S .	+23·983	−17·961	1·50	43.6125	8·9
.	24·[illegible]1	+ 3·15[illegible]	− 4	...	...
.	24·3[illegible]	− 7·55[illegible]	− 2		...
	24·[illegible]4	+14·958	0·70	42.6243	10·4
	24·57[illegible]	+39·195	− 5	*m*	...

331–390

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
331					
...	+24·608	+10·348	0·70	...	...
...	24·947	−24·549	− 5	...	...
..	25·053	+39·150	− 4	...	...
*	25·293	+28·175	1·40	42.6244	9·0
...	25·544	−41·101	− 3	...	...
	+25·722	+42·687	− 3	...	...
.	25·850	−57·668	1·10	43.6127	9·4
	26·230	−15·170	− 4	...	
..	26·805	+ 2·911	− 3	...	...
...	26·998	+12·822	− 5	*m*	...
341					
...	+27·412	+ 7·798	− 5	..	...
...	27·438	+40·687	− 3	...	...
	27·657	+27·875	− 4	...	...
...	28·087	−30·241	− 5	...	...
.	29·340	+15·957	− 3	...	..
...	+29·543	+ 1·682	− 3	...	...
.	30·977	+20·153	− 5	*m*	...
S *	31·061	+59·378	2·25	41.6318	8·0
...	31·078	−38·859	− 5	..	...
...	31·420	+25·917	− 2	.	...
351					
.	+31·999	+15·822	− 3	...	..
...	32·007	+12·219	− 5	...	...
...	32·752	− 1·312	− 5	*m*	...
..	32·925	−19·763	− 4	...	...
*	33·201	−35·654	1·00	43.6128	10·1
...	+33·569	+26·813	− 5	...	...
..	33·810	−53·337	− 5	...	...
..	33·978	−28·222	− 5	..	..
...	35·083	+12·748	0·65	.	..
..	35·506	−58·876	− 5		...
361					
	+35·570	−12·864	− 4	..	...
...	35·586	+26·078	− 5	*m*	.
	36·499	+13·881	− 2	...	...
...	36·539	−56·119	− 5	...	...
*	36·850	−36·482	1·15	43.6129	9·6
...	+37·809	+37·323	0·65	42.6245	10·4
...	37·857	− 7·996	− 3	...	...
.	38·460	−44·968	− 5	..	...
..	38·618	−55·619	− 5	..	...
...	38·654	+ 3·308	− 5	.	...
371					
...	+38·954	−33·599	− 5	.	...
	39·401	+ 2·478	− 5	..	...
	40·431	+34·090	− 3	..	..
..	40·517	−31·179	− 5	...	...
..	40·617	+10·361	− 5	*m*	...
...	+40·690	− 0·997	− 4	...	...
S *	41·072	+26·107	1·20	42.6246	9·6
...	41·771	+41·945	− 5	...	...
...	42·095	+25·437	− 5	*m*	...
.	42·291	+18·896	− 5	...	...
381					
...	+42·408	+21·304	− 5	...	...
*	42·662	−52·904	1·30	43.6130	9·4
...	42·728	+ 6·164	− 4	...	...
*	43·078	+31·[illegible]31	1·10	42.6247	9·8
...	43·516	+13·086	− 5	...	...
*	+43·755	− 6·067	1·10	42.6248	9·8
.	44·118	−45·897	− 5	...	...
...	44·429	+ 3·197	− 5	*m*	...
	44·434	+15·025	1·10	42.6249	9·8
*	44·593	−59·642	1·45	43.6131	9·0

391–450

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
391					
...	+44·867	−35·908	− 2	43.6132	10·2
...	44·983	−36·446	− 4	...	...
*	45·189	−24·319	1·80	43.6133	8·5
...	45·949	−18·944	− 4	...	...
...	46·428	+ 0·865	0·75	...	...
*	+46·806	−23·829	1·20	43.6134	9·7
...	47·392	−23·065	− 5	...	...
...	47·469	−41·828	− 4		...
...	47·952	−17·883	− 5	...	...
...	48·120	+56·331	− 5	.	...
401					
..	+48·201	+12·183	0·85	..	...
...	48·735	+49·230	− 5	..	.
...	49·053	+ 0·240	− 5	*m*	...
...	49·324	+44·250	− 4	...	...
...	49·423	+23·751	− 5	...	..
...	+49·644	−22·901	− 2	..	...
...	50·016	−43·017	− 3	...	...
...	50·075	+55·244	− 5	...	...
...	50·180	−46·992	− 2	...	...
.	50·280	+47·736	− 5	...	...
411					
*	+51·021	+28·621	1·20	42.6250	9·8
...	51·286	+34·858	− 5	...	...
*	51·366	− 1·964	1·20	42.6251	10·0
...	52·042	−41·902	− 5	...	...
S *	52·065	+25·470	1·80	42.6252	8·6
...	+52·491	+10·902	− 3	...	...
...	52·542	+ 4·814	− 5	*m*	...
...	52·649	−46·389	− 5	...	...
...	52·[illegible]25	+ 6·569	− 5	...	.
...	52·763	+45·151	− 5	...	...
421					
...	+52·809	−21·107	− 5	...	...
*	53·144	−12·048	1·30	43.6136	9·4
...	53·192	+43·194	− 3	...	...
*	53·236	+14·218	1·20	42.6253	9·6
...	53·476	+ 1·092	− 4	...	...
...	+53·533	− 2·450	− 5	...	...
...	53·589	+ 3·886	− 5	...	...
...	53·628	+38·267	− 5	...	...
...	53·714	−36·178	− 4	...	...
*	53·895	+19·562	1·30	42.6254	9·6
431					
.	+54·307	+ 0·335	− 5	...	...
...	54·771	+50·295	− 5	...	...
...	54·864	+54·126	− 5	...	...
...	55·341	−33·432	− 5	...	...
...	55·431	+36·824	− 5	...	...
...	+55·555	+38·282	− 5	.	...
...	55·942	+13·692	− 3		...
...	56·233	+48·932	− 5	...	...
S *	56·331	−21·829	2·30	43.6137	8·1
...	56·431	−57·416	− 1	43.6138	9·6
441					
...	+56·646	+19·536	− 2	42.6255	10·4
...	56·794	+ 2·934	− 2	...	...
...	56·877	−41·998	0·80	43.6139	9·6
*	57·405	+49·923	1·80	42.6256	8·8
...	58·013	+40·498	− 4	...	...
..	+58·072	+31·051	0·65	42.6257	10·2
...	58·372	−13·575	− 4	...	...
...	58·649	−33·108	− 4	...	...
...	58·872	+29·034	− 5	...	...
..	59·281	+42·903	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
451-453					
451					
...	+59·296	− 7·433	− 3	...	...
...	59·430	−34·154	− 5	...	...
...	59·601	−47·146	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.

Notes.	1-40 x.	1-40 y.	1-40 Diam.	1-40 C.P.D. No.	1-40 C.P.D. Mag.
1					
†	−59·558	+28·505	0·90	42.6250	9·8
..	59·391	−23·039	0·65	...	...
S *	58·415	+25·382	1·70	42.6252	8·6
...	58·410	−43·136	− 4	...	...
...	58·283	− 2·076	0·85	42.6251	10·0
...	−58·135	−47·104	− 3	...	...
...	57·823	+43·132	− 3	...	...
...	57·557	+10·827	− 4	...	...
...	57·207	+ 6·498	− 5	...	...
*	56·918	+14·162	1·25	42.6253	9·6
11					
...	−56·484	+54·105	− 4	...	...
...	56·424	−41·961	− 5	...	..
*	56·418	+19·525	1·25	42.6254	9·6
...	56·286	−21·154	− 5	...	...
...	56·277	+ 1·065	− 4	...	...
...	−56·248	+ 3·843	− 4	...	...
*	56·224	−12·098	1·35	43.6136	9·4
...	56·119	− 2·494	− 5	...	...
...	55·698	−46·420	− 5	...	...
...	55·441	+ 0·311	− 4	...	...
21					
...	−55·395	+36·826	− 4	...	...
...	55·307	+38·281	− 4	...	..
...	54·944	+48·949	− 4	...	...
...	54·925	−36·196	− 5	...	...
...	54·480	−12·696	− 5	...	...
...	−54·190	+13·710	− 1	...	...
*	53·802	+49·973	1·80	42.6256	8·8
...	53·661	+19·579	− 1	42.6255	10·4
...	53·384	−33·402	− 5	...	...
...	53·010	+ 2·985	0·65	...	...
31					
...	−52·927	+40·577	− 3	...	...
S *	52·741	−21·780	2·10	43.6137	8·1
...	52·584	+31·121	0·90	42.6257	10·2
...	51·740	+29·137	− 4	...	...
...	51·728	+43·033	− 4	...	...
*	−51·595	−41·914	1·20	43.6139	9·6
*	51·585	−57·335	1·20	43.6138	9·6
...	51·052	−56·660	− 5	...	...
...	50·937	−13·460	− 4	...	...
...	50·449	+ 9·002	− 4	...	...

Notes.	41-80 x.	41-80 y.	41-80 Diam.	41-80 C.P.D. No.	41-80 C.P.D. Mag.
41					
..	−50·208	− 7·300	− 2	...	...
...	50·083	−32·983	− 2	...	...
...	49·455	−59·247	− 5	...	..
...	49·422	+43·622	− 4	...	...
...	49·273	−33·996	− 4	...	...
...	−49·161	+54·424	− 5	...	...
N *	49·078	+27·961	1·80	42.6258	8·4
...	48·717	−46·982	− 5	...	...
*	48·446	+15·147	1·20	42.6259	9·8
...	48·131	+45·796	− 5	...	...
51					
*	−48·121	+20·629	1·10	42.6260	10·0
...	47·870	−27·502	− 5	...	...
...	47·833	− 9·467	− 3	...	...
*	47·826	+31·926	1·10	42.6261	10·2
*	47·530	−35·959	1·20	43.6141	9·6
..	−47·302	+18·355	− 3	...	...
...	47·226	−33·268	− 5	...	...
...	47·162	+32·577	− 5	M	..
..	46·812	−32·723	− 4	...	...
...	46·749	− 4·503	− 5	...	...
61					
*	−46·569	+26·572	1·20	42.6262	9·8
...	46·391	+32·914	− 5	...	...
*	45·876	+57·722	2·00	41.6340	8·8
*	45·552	− 1·745	1·40	42.6263	8·8
...	45·501	− 1·843	− 4	A	...
...	−45·302	+ 7·953	− 2	42.6264	10·4
*	45·280	−20·902	1·20	43.6142	9·7
...	45·255	−16·701	− 1	...	.
...	44·985	+35·355	− 4	...	...
...	44·602	−25·813	− 5	...	...
71					
...	−44·514	−13·329	− 5	...	...
...	44·007	+ 9·854	− 5	M	...
...	43·706	+ 2·214	− 5	M	...
...	43·672	−36·805	− 2	...	...
*	43·591	−50·800	1·20	43.6143	9·4
...	−43·434	−49·011	− 4	...	...
...	43·320	− 5·582	0·70	...	...
*	43·317	+22·595	1·15	42.6265	9·6
...	43·086	−36·790	− 5	...	...
*	43·085	+26·165	1·20	42.6266	9·6

Notes.	81-120 x.	81-120 y.	81-120 Diam.	81-120 C.P.D. No.	81-120 C.P.D. Mag.
81					
*	−42·501	−10·162	1·00	43.6144	10·2
...	42·449	−19·641	− 3	...	...
...	42·252	+53·217	− 4	...	...
...	42·040	+59·668	− 3	41.6342	10·3
...	41·970	−22·150	− 5	...	...
...	−41·855	+24·193	− 5	...	...
...	41·780	+19·616	− 4	...	...
...	41·087	+21·402	− 5	...	...
...	40·931	−54·652	− 3	...	...
*	40·880	+ 4·443	1·00	...	...
91					
†	−40·720	+14·942	− 5	M	...
...	40·697	−10·164	− 5	...	...
...	40·247	− 0·932	− 3	...	...
...	39·917	−20·749	− 2	...	...
...	39·437	−32·367	0·90	43.6145	10·2
...	−39·394	−37·807	− 5	...	...
...	39·186	+17·747	− 1	...	...
...	38·822	−18·557	− 4	...	...
...	38·714	−47·308	− 3	...	...
...	38·638	−39·487	− 5	...	...
101					
...	−38·568	+19·213	− 5	...	...
...	38·567	− 8·393	− 4	...	...
...	38·566	+ 7·078	− 3	A	...
...	38·510	+26·137	− 5	M	...
...	38·255	−23·724	− 5	...	...
...	−37·749	− 0·666	− 5	M	...
...	37·688	+41·638	− 3	...	..
...	37·455	−15·828	− 3	...	...
...	37·170	−11·238	− 5	M	...
†	37·122	−29·999	− 2	...	...
111					
...	−37·119	+15·639	− 5	M	...
...	36·992	−20·090	− 4	...	...
...	36·981	+ 4·726	0·80	42.6267	10·3
...	36·900	+45·848	− 4	...	...
...	35·919	−52·888	− 5	...	.
...	−35·754	−37·657	− 5	M	...
...	35·651	−43·658	− 5	...	...
...	35·632	−56·383	− 5	...	...
*	34·974	+19·461	1·20	42.6268	9·2
*	34·452	+18·977	1·20	42.6269	9·0

CH measured from 1, 213, 415.
B ,, ,, 95, 302, 498.

47. Mass. 42° 81, two stars.

121–180

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
121					
n*	−34·432	+18·913	1·00		
...	34·133	+40·722	− 5	M	...
...	34·107	− 9·869	− 5	...	...
...	34·048	−31·262	− 4	...	...
...	33·607	+ 6·914	− 4	A	...
...	−33·466	−24·271	− 5	M	...
...	33·296	−19·230	− 5	M	...
...	32·938	−56·935	0·65	...	...
*	32·855	−56·098	1·10	43.6146	9·8
...	32·830	−54·110	− 4	...	...
131					
...	−32·810	−25·374	− 4	...	...
...	32·692	−35·876	− 5	...	...
*	32·674	+ 2·399	1·20	42.6270	9·4
...	32·581	+11·989	− 1	...	...
...	32·557	+ 3·636	− 5	...	...
...	−32·340	+56·305	0·70	41.6348	10·4
...	32·094	+35·937	− 1	...	...
...	31·954	+14·687	− 4	...	...
...	31·951	+22·729	0·70	...	...
*	31·663	−33·600	1·00	43.6147	10·0
141					
...	−31·644	+32·803	− 4	...	...
...	31·541	+ 0·412	0·80	42.6271	10·2
..	31·384	−39·513	− 5	...	...
...	31·308	+55·928	− 5	...	...
...	31·153	+ 5·308	− 4	...	...
...	−31·120	−19·608	0·70	...	...
...	30·876	+19·138	− 4	...	...
...	30·805	−53·424	− 5	...	...
...	30·802	−26·457	− 5	M	..
...	30·714	+30·598	− 5	M	...
151					
†	−30·488	−15·101	2·30	43.6149	7·9
...	30·453	− 8·232	− 5	M	...
N	30·411	+28·944	− 1	A	...
...	30·290	−51·220	− 3	...	...
...	30·157	+45·086	− 5	M	...
..	−30·142	−46·385	0·90	43.6148	10·2
...	29·900	+46·918	0·90	42.6272	10·0
...	29·610	− 3·572	− 3	...	...
...	29·576	−35·788	0·70	...	...
...	29·426	+ 5·572	− 5	M	...
161					
*	−29·305	− 3·159	1·00	...	...
...	29·128	−22·688	− 5	M	...
*	28·795	+25·412	1·05	42.6273	9·4
...	28·622	+43·736	− 4	...	...
...	28·437	+51·506	− 4	...	...
	−28·148	+21·591	− 3	...	...
...	28·083	− 7·988	− 4	...	...
...	28·077	−48·243	− 5	...	...
S †	27·741	−38·936	1·40	43.6150	9·0
*	27·637	−45·779	1·40	43.6151	9·0
171					
...	−27·569	−40·750	− 1	...	...
...	27·555	− 2·841	− 3	...	...
†	27·525	+39·857	− 1	42.6274	10·4
...	27·418	−52·117	− 4	...	...
...	27·324	+28·266	− 3	...	...
*	−27·180	−30·712	1·00	43.6152	10·2
...	26·807	−44·243	− 3	...	...
...	26·773	− 8·435	− 5	M	...
...	26·748	+18·135	0·80	42.6275	10·4
...	26·681	+26·826	− 5	...	...

181–240

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
181					
*	−26·622	+43·278	2·00	42.6276	8·8
...	26·558	−41·082	− 5	...	...
...	26·457	+38·525	− 3	...	...
...	26·202	+20·039	0·80	42.6277	10·4
...	26·112	+50·456	− 4	A	...
...	−25·979	−20·109	0·80	43.6153	10·2
...	25·971	−11·102	− 3	...	...
...	25·951	−12·061	− 5	...	...
*	25·665	−27·045	1·00	43.6154	10·0
...	25·643	− 9·215	− 5	M	...
191					
*	−25·520	+40·149	1·00	42.6278	10·0
...	25·388	−22·745	− 3	...	...
...	25·293	−45·839	− 5	...	...
...	25·045	+21·141	− 3	...	...
...	−24·959	−16·770	− 3	A	...
†	24·723	+55·022	− 4	...	...
...	24·233	−18·850	− 4	...	...
*	24·085	−27·006	1·40	43.6155	9·0
...	23·698	−36·010	− 5	...	...
...	23·500	+56·267	− 5	...	...
201					
...	−23·142	−18·580	− 2	...	...
*	22·535	+35·417	1·00	42.6279	9·8
*	22·216	−22·579	1·10	43.6156	9·6
...	21·636	+23·321	− 3	...	...
...	21·570	+37·335	− 5	...	...
*	−21·485	−13·197	2·00	43.6158	8·7
*	21·454	−59·156	1·80	43.6157	9·2
...	21·257	+21·086	− 5	...	...
*	20·921	+43·766	1·90	42.6280	8·9
...	20·863	+ 0·649	− 4	...	...
211					
...	−20·816	−35·340	− 5	...	...
...	20·363	−51·304	− 5	M	...
*	19·507	−46·610	1·00	43.6160	9·9
...	19·495	+ 5·788	− 5	M	...
...	18·973	+38·139	− 5	...	...
...	−18·901	+ 6·268	0·75	...	...
...	18·888	+33·333	− 3	...	...
...	18·844	−17·007	− 4	...	...
...	18·766	− 3·842	− 3	...	...
...	18·536	−12·062	− 5	...	...
221					
...	−18·277	−56·587	− 1	43.6161	10·2
*	18·118	−43·006	1·20	43.6162	9·4
...	17·978	− 7·470	− 4	...	...
...	17·614	+ 8·559	− 5	...	...
...	17·575	+27·075	− 5	...	...
...	−17·469	−13·722	0·85	...	...
...	17·433	−23·230	− 4	...	...
...	17·399	+28·549	− 4	...	...
...	17·199	+ 3·859	0·75	...	...
..	17·040	+45·031	− 2	42.6281	10·4
231					
†	−17·003	+ 4·940	− 5	...	...
...	16·483	−39·709	− 5	...	...
...	16·352	+31·270	− 4	...	...
...	16·031	+31·178	− 5	...	...
...	15·969	− 8·988	− 4	...	...
...	−15·708	+15·145	− 5	...	...
...	15·511	−58·709	− 4	...	...
...	15·187	+13·650	− 5	M	...
...	14·600	−22·748	− 5	...	...
...	14·595	−23·011	− 4	...	...

241–300

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
241					
*	−14·532	−42·301	1·30	43.6163	9·0
...	14·113	−52·470	− 5	...	...
...	13·872	+38·043	− 3	...	...
...	13·833	+42·086	− 5	...	...
*	13·773	−40·089	1·00	43.6164	9·7
†	−13·733	−44·925	− 5	...	...
...	13·656	−55·773	− 5	...	...
‡	13·323	−29·963	1·30	43.6165	9·0
...	12·986	+41·383	− 1	...	...
...	12·836	+36·841	− 3	...	...
251					
...	−12·355	+28·699	− 5	...	...
...	12·097	−45·634	0·80	...	...
S *	11·538	+31·880	1·30	42.6282	9·0
...	11·207	+40·456	− 5	M	...
...	11·123	−31·129	− 5	...	..
...	−10·250	− 6·145	2	...	...
...	10·108	+ 3·882	− 3	A	...
...	10·094	−18·898	− 5	...	...
...	9·942	− 2·038	− 4	...	...
...	9·895	−54·006	− 4	...	...
261					
†	− 9·793	+37·909	1·20	42.6283	9·4
...	9·074	+40·672	0·65	...	...
...	8·985	+17·575	0·75	...	...
*	8·319	+23·773	1·10	42.6284	10·0
...	8·247	− 2·555	− 3	...	...
...	− 8·071	−19·850	− 5	M	...
...	7·939	−13·853	0·85	43.6166	10·2
...	7·517	−20·388	− 5	...	...
...	7·322	−53·795	− 5	...	...
...	7·099	+26·160	− 4	...	...
271					
...	− 6·807	−25·354	0·80	43.6167	10·2
...	6·571	− 1·896	− 2	...	...
...	6·495	−33·617	− 5	...	...
...	6·217	+21·910	− 4	...	...
*	6·216	−21·509	1·90	43.6168	8·6
...	− 6·081	+25·797	− 4	...	...
...	5·799	+33·751	0·70	...	..
*	5·627	−19·140	1·10	43.6170	9·6
..	5·495	−16·691	0·70	43.6171	10·2
...	5·146	+58·145	− 5	...	...
281					
†	− 4·835	+42·527	− 5	...	...
...	4·672	+ 0·193	− 3	M *f*	...
...	4·342	−36·502	− 2	...	...
...	4·185	− 2·606	− 4	*m*	...
N *	3·674	+20·468	1·20	42.6285	9·4
...	− 3·445	−36·414	− 3	...	...
..	3·251	−26·426	− 3	...	...
*	3·126	−12·926	1·10	43.6173	9·8
*	2·877	+53·314	1·25	41.6366	9·6
...	2·267	+49·317	− 5	...	...
291					
...	− 2·096	−20·281	− 5	...	...
...	1·733	−31·858	− 5	...	...
...	1·337	+35·488	− 1	...	...
...	1·202	+ 7·670	− 3	...	...
..	0·777	+28·130	− 4	...	...
...	− 0·769	−25·804	− 4	..	...
...	0·655	− 4·761	− 1	...	...
...	0·349	−37·840	− 3	...	...
...	0·337	−32·556	− 5	M *m*	...
S *	0·205	−11·733	2·25	43.6175	8·4

121. C.P.D. combines with 120.

153. 42 ·81, observed by Pogson.

285. Mass. 42 ·81, two stars; 42 ·82, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. s.	C.P.D. No.	C.P.D. Mag.
301–360					
301					
...	− 0·175	−58·081	− 5	M	...
...	+ 0·364	−37·191	0·70	...	...
...	1·106	+ 0·958	0·70	...	...
...	1·260	− 6·857	− 5	..	...
...	1·324	+26·633	0·65	...	...
...	+ 1·334	+21·769	− 5	M	...
...	1·579	+ 8·317	− 5	M *m*	...
...	1·589	+ 5·467	− 2	...	...
...	2·105	−39·855	0·70	43.6176	10·2
...	2·324	−49·610	− 5	...	...
311					
...	+ 2·517	+33·542	− 3	...	...
...	2·717	+25·886	− 4	M	...
...	2·718	−56·020	− 4	...	...
*	2·883	+33·909	1·00	42.6286	10·0
*	2·918	+46·807	1·30	42.6287	9·4
*	+ 2·957	+ 5·876	1·50	42.6288	9·1
...	3·115	−40·246	− 5	...	...
...	3·164	+23·446	− 4	...	...
*	3·590	−47·605	1·20	43.6177	9·6
...	3·649	−32·254	− 4	...	...
321					
...	+ 3·708	−53·777	− 2	...	...
...	3·782	+23·543	− 3	...	...
...	4·116	−55·319	− 3	...	...
...	4·545	−38·769	− 5	...	...
...	4·799	− 7·729	− 4	...	...
†	+ 4·851	−45·020	− 5	...	...
...	5·422	−23·288	− 3	...	...
...	5·434	−21·717	− 4	...	...
...	5·805	−22·491	− 5	*m*	...
*	5·876	−25·339	1·00	43.6178	10·0
331					
...	+ 5·920	−30·723	− 4	..	...
...	6·395	−12·204	− 4	...	...
S *	6·473	+12·357	1·60	42.6289	8·4
...	6·605	−37·064	0·90	43.6179	10·2
...	6·744	+24·092	− 5	...	...
...	+ 6·835	−13·716	− 5	*m*	...
...	6·938	− 9·447	− 5	...	...
...	6·944	+ 2·578	− 5	*m*	...
...	7·046	+ 0·751	− 5	*m*	...
...	7·057	+39·522	0·80	42.6290	10·4
341					
*	+ 7·123	+ 8·089	1·00	42.6291	10·0
...	7·355	−28·460	− 1	..	...
...	7·451	−48·131	− 5	...	...
...	7·682	−32·699	− 4	...	...
...	7·717	+34·058	− 4	..	...
...	+ 7·874	−32·880	− 1	...	...
...	8·328	−32·505	− 1	43.6180	10·2
...	8·358	−55·413	− 5	...	...
...	8·684	+13·870	0·70	...	...
...	9·032	+ 0·444	− 5	*m*	...
351					
...	+ 9·043	+35·130	0·90	42.6292	10·2
*	9·494	−30·289	2·00	43.6182	8·5
*	9·682	+57·998	1·25	41.6374	9·8
*	9·829	−11·724	1·00	43.6183	9·8
...	9·882	−45·333	− 4	...	...
...	+10·050	+47·267	− 4	...	...
...	10·410	+10·895	− 5	*m*	...
...	10·445	+ 3·460	− 2	...	...
...	10·532	+37·748	− 4	...	...
...	10·622	+24·960	− 4	*a*	...
361–420					
361					
...	+10·677	+48·185	− 5	*m*	...
‡	10·780	+19·919	1·00	42.6293	9·6
...	10·861	−33·626	0·80	43.6184	10·2
†	10·974	+54·675	− 2	...	...
...	11·284	+34·469	− 3	...	...
...	+11·450	−41·404	− 5	..	...
...	11·529	+30·585	− 4	*a*	...
...	11·584	+42·157	− 4	...	...
...	11·990	−44·257	− 4	...	..
...	12·058	+48·369	0·70	42.6294	10·3
371					
...	+12·161	−17·482	− 4	...	...
...	12·162	−38·222	− 4	...	...
...	12·276	−53·053	0·65	...	...
...	12·389	−16·013	− 4	...	...
...	12·438	+13·884	− 5	*m*	...
...	+12·645	+32·217	− 4	...	...
...	12·711	+33·546	− 5	*m*	...
...	12·996	−59·641	− 5	...	...
...	13·143	−36·596	− 3	...	...
...	13·478	− 8·103	− 5	*m*	...
381					
...	+13·915	−37·091	0·70	43.6185	10·2
S *	13·963	+48·714	2·43	42.6295	7·8
*	14·022	−53·256	1·10	43.6186	9·7
*	14·394	+ 3·800	1·00	42.6296	10·2
...	14·581	−15·427	0·70	43.6187	10·1
*	+14·915	−31·784	2·00	43.6188	8·4
†	15·136	+30·266	− 3	42.6297	10·3
...	15·568	+20·501	− 2	...	...
...	15·635	−11·765	− 5	...	...
...	15·826	+52·487	− 3	..	...
391					
...	+15·850	−50·924	− 5	...	...
...	15·963	+24·547	− 3	...	...
...	16·126	−19·212	− 5	*m*	...
...	16·312	+39·430	− 4	...	...
*	16·531	−15·935	1·00	43.6189	9·7
‡	+16·588	−44·986	1·00	43.6190	9·8
...	16·818	−56·462	− 3	...	...
...	16·994	− 4·313	− 5	*m*	...
...	17·211	+47·351	− 5	*m*	...
...	17·304	+45·402	− 5	*m*	...
401					
*	+17·676	−58·293	1·20	43.6191	9·1
...	17·704	+10·963	− 5	*m*	...
...	17·858	− 2·114	− 5	*m*	...
*	17·891	− 7·112	1·00	42.6298	10·0
*	18·384	+ 8·997	1·20	42.6299	9·2
S *	+18·470	−56·147	3·08	43.6192	7·5
...	18·541	−21·594	− 3	...	...
...	18·696	−35·865	− 3	...	...
‡	19·172	+14·759	1·00	42.6300	9·8
...	19·626	−56·202	− 4	...	...
411					
...	+19·631	−58·166	− 3	...	...
...	19·752	− 8·627	− 5	*m*	...
...	20·048	−14·516	− 5	*m*	...
†	20·145	+43·889	0·70	...	...
...	20·220	−50·382	− 3	43.6193	10·2
...	+20·374	+47·026	− 5	...	...
...	20·467	− 4·248	− 5	...	...
...	20·820	+18·584	0·90	42.6301	10·2
...	20·937	+35·185	− 3	...	...
*	21·641	−35·520	2·10	43.6194	8·6
421–480					
421					
...	+22·144	−22·982	0·70	43.6195	10·1
...	22·210	+55·135	− 5	...	...
...	22·602	−34·160	− 4	...	...
...	22·850	− 4·855	− 5	...	...
...	23·410	−20·838	− 3	...	...
...	+23·786	+43·838	− 5	*m*	...
*	24·092	−42·689	1·25	43.6196	9·6
*	24·304	− 2·573	1·30	42.6303	9·2
*	24·360	+34·423	1·05	42.6302	10·3
...	24·379	+56·318	0·75	41.6382	10·4
431					
...	+24·402	+42·922	− 4	...	...
...	25·279	+49·368	− 4	...	...
...	25·279	+36·397	− 3	...	...
*	25·504	−11·348	1·00	43.6197	9·7
...	25·698	−54·367	− 5	...	...
...	+26·255	−11·283	− 5	...	...
...	27·301	+38·837	− 5	*m*	...
...	27·340	−48·295	− 2	...	...
...	27·627	−36·719	− 4	...	...
...	27·770	−31·815	− 5	...	...
441					
...	+27·836	−17·040	− 5	*m*	...
S *	28·342	+ 5·379	3·25	42.6304	7·0
...	28·388	−15·370	0·65	...	...
*	28·520	−20·968	1·20	43.6198	9·6
...	28·684	+ 2·603	− 5	*m*	...
...	+28·863	−57·619	− 5	..	...
...	29·267	+54·396	− 5	...	...
*	30·021	+ 7·346	1·00	42.6305	10·0
...	30·244	− 6·625	− 3	...	...
...	30·547	−23·792	− 5	...	...
451					
...	+30·909	+33·043	− 4	...	...
...	30·976	+48·832	− 5	...	...
...	31·000	− 9·145	0·75	...	...
...	31·237	+19·890	0·80	42.6306	10·2
...	31·433	+41·895	− 5	...	...
...	+31·909	+13·140	0·75	...	...
...	31·928	+48·425	− 5	...	...
...	31·980	+51·526	− 5	*m*	...
...	32·357	−31·971	− 2	...	...
...	32·801	+ 1·654	− 5	*m*	...
461					
...	+32·922	−50·927	− 5	...	...
*	32·960	−31·160	1·20	43.6199	9·7
...	33·008	+33·168	− 2	...	...
...	33·065	−35·687	− 5	...	...
...	33·950	−55·634	− 5	...	...
...	+33·996	−10·506	− 5	...	...
...	34·380	−54·734	− 3	...	...
...	34·862	+35·085	− 4	...	...
‡	35·034	+15·817	1·00	42.6307	10·0
...	35·300	−37·852	− 5	...	...
471					
...	+35·358	−46·371	− 3	...	...
...	35·489	+15·578	− 5	...	...
*	36·081	+ 5·810	1·30	42.6309	9·0
...	36·160	− 6·385	− 5	...	...
*	36·279	+37·975	2·00	42.6308	8·6
...	+36·313	−45·318	− 5	...	...
...	36·386	+ 8·174	0·65	...	...
...	37·056	−23·289	− 4	...	...
...	37·168	+55·524	− 5	...	...
...	37·333	+ 5·746	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
481–520					
481					
...	+37·337	+48·068	−5	...	...
...	37·549	+ 2·430	−5	*m*	..
...	37·630	+23·737	1·45	42.6310	8·9
...	37·697	−55·034	−5	...	...
...	37·988	−15·344	−5	...	...
...	+37·993	−45·857	−5	...	...
..	38·067	+40·021	0·70	42.6312	10·4
*	38·130	+37·683	1·20	42.6311	9·8
...	38·260	+20·452	−5	...	...
...	38·445	− 9·239	−4	...	...
491					
*	+38·770	+17·179	1·20	42.6313	9·8
*	39·105	+35·554	1·00	42.6314	10·3
..	39·129	+12·783	−5	...	...
*	39·212	+25·237	1·10	42.6315	10·0
*	39·367	+30·137	1·10	42.6316	10·0
..	+39·608	−34·442	−5	...	...
...	39·893	−14·931	−5	...	...
...	40·311	−45·811	−5	...	...
..	40·477	−32·085	0·70	43.6200	10·2
S *	40·655	+40·500	2·00	42.6317	8·3
501					
...	+40·750	+45·525	−5	*m*	...
...	41·065	−55·615	−3	...	...
...	41·494	+ 0·441	−5	*m*	...
*	41·979	−36·445	1·00	43.6201	9·9
...	42·173	−19·368	−3	...	...
...	+42·225	+ 9·127	−4	...	...
...	42·476	− 3·744	−3	...	...
...	42·580	−26·951	−2	...	...
...	42·829	+ 6·121	−4	...	...
†	42·945	−35·049	−3	43.6202	10·2
511					
...	+43·167	−16·105	−1	...	...
S *	43·260	−30·208	1·60	43.6203	8·8
..	43·408	−33·958	−5	...	...
...	44·051	−41·824	−2	...	...
*	44·301	−23·364	1·90	43.6204	8·9
.	+44·389	+45·162	−4	...	...
	44·421	+ 7·083	−3	...	...
...	44·476	+19·125	−4	...	...
*	44·528	+23·025	1·00	42.6318	10·0
..	44·692	+47·407	−4	...	...
521–560					
521					
...	+44·839	+13·109	−5	...	...
...	45·206	+45·782	−4	...	...
...	45·403	−54·403	0·80	43.6205	10·1
...	45·630	+48·971	−5	*m*	...
...	45·720	+46·132	−5	...	...
...	+45·801	+21·015	−5	*m*	...
*	45·976	+53·416	1·80	41.6397	9·1
...	46·004	+ 9·277	0·70	...	...
...	46·048	− 6·227	−4	...	...
*	46·069	+ 0·973	1·00	42.6319	9·8
531					
...	+46·161	−38·801	−5	...	...
...	46·204	−51·494	0·70	43.6206	10·0
...	46·919	−19·896	−5	...	...
...	47·513	−25·998	−5	...	...
...	47·539	−12·463	0·80	43.6207	10·2
*	+47·735	+22·176	1·00	...	...
...	48·174	−46·850	−5	..	...
*	48·205	−54·200	1·10	43.6208	9·7
...	48·458	+18·595	−5	...	...
...	48·934	+44·237	−5	...	...
541					
‡	+49·006	+ 9·773	1·20	42.6320	9·4
...	49·168	+50·751	−5	...	...
†	49·442	+49·786	−4	...	...
...	49·605	−50·709	−4	...	...
...	49·645	−43·686	−5	...	...
...	+49·787	− 8·676	0·65	43.6209	10·2
...	50·162	+ 8·360	−3	...	...
†	50·188	+56·794	−2	41.6399	10·0
...	50·658	−22·544	−5	...	...
*	50·812	+45·828	1·30	42.6321	9·6
551					
...	+50·873	+35·451	−4	...	...
...	50·987	+42·766	−4	*a*	...
...	50·987	−21·794	−5	...	...
...	51·411	− 0·779	0·70	...	...
...	52·039	−39·087	−5	...	...
...	+52·801	+53·583	−5	...	...
...	53·105	+42·063	−4	...	...
...	53·247	−49·126	−5	...	...
...	53·281	−15·286	−5	*e*	...
...	53·291	−11·095	−5	...	...
561–576					
561					
...	+53·660	+21·643	−4	...	...
...	53·703	+12·096	−4	...	...
...	54·378	−48·069	0·90	43.6210	10·0
...	55·654	− 4·891	−5	*m*	...
...	55·770	+21·914	−4	...	...
...	+56·326	−38·608	−4	...	...
...	56·397	+ 4·594	−5	...	...
...	56·943	+49·933	0·80	42.6322	10·0
...	57·333	−43·527	−5	...	...
...	57·903	−17·002	−5	...	...
571					
...	+58·071	−51·820	−4	...	...
*	58·309	−29·858	1·00	43.6211	9·7
...	58·603	−25·345	−1	43.6212	10·2
...	59·317	−26·290	0·80	43.6213	9·9
...	59·628	+42·248	−5	...	...
...	+59·916	−26·486	0·70	43.6214	10·2

1–10					
1					
...	−59·911	+35·309	−4	...	...
..	59·895	−54·384	0·80	43.6208	9·7
...	59·810	+ 8·215	−3	.	...
...	59·667	− 8·817	−2	43.6209	10·2
...	58·770	−43·821	−5	..	.
...	−58·749	−26·490	−5	...	...
...	58·609	−50·853	−4	...	...
...	58·535	+53·494	−5	...	...
...	58·391	−22·659	−5	...	...
...	58·294	− 0·870	−3	...	...
11–20					
11					
...	−57·863	+42·005	−5	..	...
...	56·714	+21·600	−5	...	...
...	56·371	+12·065	−4	...	...
...	56·173	−16·253	−5	M	...
...	56·097	−11·136	−5	...	...
...	−55·979	−15·322	−5	E	...
...	55·707	+30·256	−4	...	...
...	54·614	+21·935	−5	...	...
†	54·267	+49·976	0·80	42.6322	10·0
*	53·917	−48·057	1·10	43.6210	10·0
21–30					
21					
...	−53·487	+ 4·638	−4	...	...
...	52·896	+ 3·419	−5	M	...
...	52·247	−38·560	−4	...	...
...	51·362	+42·365	−5	...	...
...	51·315	−16·907	−5	...	...
...	−51·076	−43·427	−5	...	...
*	50·519	−29·743	1·20	43.6211	9·7
...	50·365	−25·226	0·90	43.6212	10·2
...	49·910	+27·815	−5	...	...
...	49·671	+18·227	−2	...	...

CH measured from 1, 2, 3, 4
B „ „ 88, 305, 519.

31–90

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
31					
*	−49·623	−26·134	1·15	43.6213	9·9
...	49·393	− 1·901	− 4	...	...
...	49·019	−26·312	0·80	43.6214	10·2
...	48·898	−19·143	− 5	...	...
...	48·678	−36·506	− 4	...	...
...	−48·053	−53·445	− 4	..	...
...	47·829	−31·228	− 2	...	...
...	47·420	+44·272	− 5	M	...
...	47·269	−33·062	− 5	...	...
†	47·086	−24·765	0·65	43.6216	10·2
41					
...	−46·937	−35·152	− 3	...	...
*	46·870	+50·761	1·20	42.6323	10·0
...	46·799	−14·001	− 5	...	...
...	46·770	−58·029	− 5	...	...
...	46·761	−46·935	− 2	43.6215	10·2
...	−46·741	−14·155	0·85	...	...
...	46·511	+52·714	− 5	...	...
...	46·430	− 1·962	− 4	...	...
...	46·381	−45·600	− 4	...	...
‡	46·355	−59·707	1·25	43.6217	9·6
51					
...	−46·162	+31·827	− 5	...	...
...	45·909	+48·699	0·70	...	...
...	45·751	−18·307	0·80	...	...
...	45·750	−19·991	− 5	...	...
...	45·650	+12·321	− 5	...	...
...	−45·324	−57·341	0·70	...	...
...	45·305	+ 4·430	− 5	...	...
...	45·184	−22·924	− 2	...	...
...	44·875	+ 5·494	− 2	...	...
...	44·772	+16·320	− 5	...	...
61					
...	−44·737	−38·306	− 5	...	...
*	44·585	+14·666	1·30	42.6324	9·4
...	44·575	− 6·933	− 4	...	...
...	44·477	−25·530	− 5	...	...
...	44·414	+40·834	− 5	...	...
N	−44·044	+43·745	0·80	42.6326	10·0
...	43·931	+15·995	− 2	...	...
*	43·919	+ 4·257	1·15	42.6325	9·8
...	43·672	+41·474	0·70	42.6327	10·4
...	43·597	−57·684	− 5	...	...
71					
...	−43·262	−58·880	− 5	...	...
*	42·751	−55·224	1·30	43.6218	9·4
...	42·532	+ 0·403	− 5	M	...
...	42·412	−59·333	− 3	43.6219	10·2
...	42·345	−32·555	− 5	...	...
S *	−42·099	+43·533	2·05	42.6328	8·3
S *	42·006	−38·175	3·30	43.6220	7·2
...	41·993	−23·655	− 5	...	...
*	41·937	−27·943	1·45	43.6221	9·0
†	41·847	−34·729	0·75	43.6222	10·0
81					
...	−41·846	− 3·569	− 5	M	...
...	41·638	− 8·010	− 5	M	...
...	41·430	+39·403	− 5	...	...
...	40·824	−20·334	− 5	...	...
...	40·702	− 3·894	− 3	...	...
...	−40·652	+41·510	− 4	...	...
...	40·378	+33·641	− 5	M	...
...	39·760	−32·807	− 4	...	...
...	39·658	−48·170	− 4	...	...
...	39·462	−12·917	− 3	...	...

91–150

Notes.	Co-ordinates x.	y.	Diam. −3.	C.P.D. No.	Mag.
91					
...	−39·410	+39·897	− 5	M	...
...	38·759	−17·473	− 4	..	..
...	38·728	+ 2·444	− 5	M	...
...	38·447	+26·587	− 3	...	...
...	38·256	+45·599	− 1	42.6329	10·4
...	−38·122	+ 2·132	− 5	M	...
...	37·889	+13·923	− 5	...	...
†	37·880	− 9·899	− 5	...	...
*	37·746	−24·242	1·00	43.6224	9·7
...	37·498	−28·569	− 3	...	...
101					
S *	−37·496	−12·225	1·30	43.6225	9·3
†	37·348	+ 5·099	− 4	...	...
...	37·219	−33·586	− 4	...	...
*	37·096	+48·238	1·30	42.6331	9·4
...	37·009	−26·696	− 5	...	...
...	−36·858	− 1·542	− 4	A	...
*	36·481	− 6·272	1·00	42.6330	10·4
N	36·393	− 4·563	− 3	...	...
N	36·349	− 4·002	− 3	...	...
...	35·872	−22·636	− 5	..	...
111					
...	−35·445	−40·829	− 4	...	...
†	35·097	−25·882	− 2	...	...
...	35·091	+53·521	− 2	...	...
...	34·996	− 2·611	− 5	M	...
...	34·957	+57·960	− 4	...	...
...	−34·954	+23·967	− 3	...	...
...	34·791	+35·826	− 4	...	...
...	34·350	+34·186	− 4	...	...
...	34·328	− 8·241	− 5	...	...
S *	34·168	+59·579	2·80	41.6405	7·4
121					
...	−33·982	+23·554	− 4	...	...
...	33·887	−35·532	− 5	...	...
...	33·552	+14·701	− 5	M	...
...	33·259	+ 7·744	0·65	...	...
...	33·202	−36·113	− 2	...	...
*	−33·124	+10·430	1·30	42.6332	9·8
...	32·965	+10·910	− 5	M	...
...	32·943	+21·018	− 5	M	...
...	32·733	+29·025	− 4	...	...
...	32·680	+38·695	− 3	...	...
131					
...	−32·622	−43·938	− 5	...	...
...	32·506	+47·139	− 4	...	...
*	32·397	−49·613	1·10	43.6227	9·6
...	32·172	− 8·943	− 3	...	...
...	32·169	+25·690	− 5	M	...
*	−32·112	−36·105	1·10	43.6228	9·6
*	32·072	+44·532	2·00	42.6333	8·0
*	31·926	+38·539	1·00	42.6334	10·0
...	31·759	+40·913	− 5	...	...
...	31·700	+29·171	− 5	M	...
141					
...	−31·442	+59·555	− 4	...	...
...	31·441	− 3·512	− 3	...	...
...	31·414	−23·889	− 5	...	...
...	31·378	−14·479	0·70	...	...
...	30·900	− 7·214	− 4	...	...
...	−30·878	−26·497	− 4	..	...
...	30·528	+13·357	− 4	...	...
...	30·025	−25·541	− 5	..	...
...	29·744	− 3·089	− 4	...	...
...	29·517	+18·811	− 5	M	...

151–210

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
151					
...	−29·262	+12·877	0·90	...	...
...	28·993	−50·105	− 5	...	...
...	28·673	+ 1·872	0·90	...	...
..	28·648	+24·815	− 4	...	...
..	27·890	−36·543	− 4	...	...
...	−27·872	+50·878	− 3	...	...
...	27·804	+46·023	0·70	...	...
...	27·543	−24·194	− 4	...	...
*	27·542	− 6·217	1·00	42.6335	10·3
...	27·477	+45·892	− 5	M	...
161					
*	−27·466	−48·846	1·10	43.6229	9·9
...	27·273	+ 2·009	− 5	...	...
*	27·214	−48·103	1·00	43.6230	10·1
*	27·109	+ 4·190	1·10	42.6336	9·6
*	26·545	+ 9·745	1·40	42.6337	9·4
...	−26·506	−56·794	− 3	...	...
*	26·471	−16·794	1·10	43.6231	9·6
...	26·405	+10·927	− 3	...	...
...	26·348	− 0·577	− 5	...	...
...	26·348	−33·217	− 5	...	...
171					
...	−25·939	+28·573	0·70	...	...
...	25·833	−58·582	− 4	...	...
...	25·806	+50·877	− 3	...	...
...	24·785	−58·676	− 4	...	...
*	24·564	+39·744	1·40	42.6339	9·0
*	−24·490	+ 2·706	1·15	42.6338	9·8
...	24·321	+30·251	− 5	..	...
...	24·304	+ 6·694	− 1	...	...
...	24·145	+19·818	− 5	M	...
...	24·044	− 3·543	− 5	...	...
181					
...	−23·868	−58·063	− 5	...	...
*	23·687	−31·368	1·20	43.6233	9·4
...	23·678	−10·686	− 1	...	...
...	23·614	+11·139	− 2	...	...
...	23·606	+53·112	− 3	...	...
*	−23·518	+21·371	1·00	42.6340	10·0
...	23·495	−24·285	0·70	...	...
...	23·456	−52·987	− 2	...	...
*	23·281	+31·433	1·00	42.6341	10·3
...	22·491	−43·633	− 4	...	...
191					
...	−22·407	− 4·124	− 4	...	...
...	22·361	+16·164	− 1	...	...
...	22·361	−31·143	0·70	...	...
*	22·021	−24·963	1·50	43.6234	9·1
...	21·951	+23·055	− 5	M	...
...	−21·669	+46·016	− 4	...	...
...	21·590	− 4·365	− 4	M	...
...	21·528	+20·894	− 5	...	...
...	21·123	+12·991	− 5	M	...
...	20·891	+14·436	− 5	M	...
201					
...	−20·504	− 6·638	− 4	...	...
...	20·502	+42·376	− 4	...	...
...	20·483	−53·468	− 4	...	...
†	20·264	+10·151	0·65	42.6342	10·4
...	20·232	+54·715	− 5	M	...
...	−20·082	+49·636	0·75	42.6343	10·2
...	19·970	−32·607	− 5	...	...
...	19·091	−57·527	− 5	...	...
...	19·035	− 7·105	− 4	...	...
...	18·891	+37·933	− 5	...	...

66. Mass. 42°·82, two stars.

108, 109. 44·82, mass.

211–270

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
211					
...	−18′779	−20′550	− 5	...	...
...	18′770	+41′106	0·70	...	...
...	18′645	−24′367	0·90	...	...
...	18′616	−26′264	− 1	...	...
...	18′308	+59′604	− 5	...	...
...	−17′882	+ 6′013	− 3	...	...
...	17′879	−50′335	0·90	43.6235	10·1
...	17′791	+41′541	− 4	...	...
*	17′766	− 0′166	1·10	42.6344	10·0
...	17′485	+13′914	0·80	...	...
221					
...	−17′203	−26′877	− 5	M	...
...	17′163	−46′880	− 5	A	...
...	16′394	+50′333	− 5	...	...
*	16′116	− 8′517	1·10	43.6236	10·0
..	15′566	+10′786	− 5	...	...
...	−15′442	+31′818	− 3	...	...
...	15′432	−19′941	− 5	...	...
...	15′340	+51′073	− 3	..	...
...	14′831	+30′280	− 4	...	...
...	14′535	−15′201	− 4	...	...
231					
..	−14′461	−30′952	− 5	M	...
...	14′431	+ 3′397	− 4	...	...
...	14′420	+37′161	− 5	...	...
...	14′263	+50′307	− 5	...	...
...	14′241	+17′796	− 4	...	...
...	−14′198	−23′320	− 5	...	...
...	14′191	−15′953	− 4	...	..
...	14′072	−13′543	− 5	M	...
...	13′988	+58′347	− 5	...	...
...	13′835	+54′746	− 4	...	...
241					
...	−13′815	−18′375	− 4	...	...
..	13′542	+ 7′657	− 5	..	...
...	13′389	−19′990	− 5	M	...
...	13′333	+18′897	0·80	...	..
..	13′097	+45′594	0·80	42.6345	10·4
...	−12′952	−42′079	− 5	...	...
...	12′682	+ 7′575	− 3	...	...
*	11′850	− 6′687	1·10	42.6346	10·0
...	11′658	+39′144	− 5	M	...
...	11′621	+16′087	− 4	...	...
251					
...	−11′604	− 6′136	− 4	...	...
..	11′434	+31′802	− 5	...	...
...	11′358	−43′894	− 5	...	...
*	11′302	−40′144	1·10	43.6237	10·0
...	11′182	+42′438	− 5	M	...
...	−11′157	−25′334	− 4	...	...
..	10′924	−57′981	0·90	43.6238	9·9
..	10′636	−30′227	− 5	..	...
...	10′485	+10′397	− 4	..	...
...	10′399	−46′300	− 5	...	...
261					
.	−10′040	−50′588	− 5	...	...
*	9′895	+24′564	1·10	42.6347	10·3
...	9′457	−11′736	− 4	...	...
...	9′364	+50′616	− 5	...	...
.	9′289	−11′451	− 5	M	...
...	9′167	+50′555	0·80	42.6348	10·4
...	8′693	+48′619	− 4	...	...
..	8′556	−10′980	− 4	...	...
...	8′333	+28′753	− 4	...	...
*	8′372	+53′612	1·10	41.6418	10·0

271–330

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
271					
...	− 8′307	−27′761	− 5	..	...
...	7′968	+32′478	− 3	...	...
...	7′807	−33′945	0·65	...	...
...	7′793	−36′411	− 1	...	...
...	7′725	+35′504	0·90	42.6349	10·4
...	− 7′135	+10′905	− 5	M	...
...	7′128	+11′715	− 4	...	...
...	7′089	−35′532	0·90	43.6239	10·2
...	6′979	−21′824	− 2	...	...
...	6′875	−45′476	− 5	...	...
281					
...	− 6′733	+54′785	− 5	...	...
..	6′597	+39′029	− 5	..	...
...	6′529	+32′289	− 2	...	...
...	6′514	−50′997	− 1	...	...
...	6′486	+28′143	− 5	M	...
*	− 6′208	+ 1′866	1·25	42.6350	10·0
..	5′685	+21′125	− 5	M	...
...	5′590	+34′095	− 5	M	...
...	4′683	+51′812	− 4	...	...
...	4′495	− 9′972	0·65	...	...
291					
*	− 4′129	−49′362	3·30	43.6241	7·0
...	4′019	−14′541	− 3	...	...
..	3′870	+ 9′045	0·75	...	...
...	3′758	−30′071	− 2	...	...
S *	3′696	+23′499	1·45	42.6351	9·0
S *	− 3′308	−45′275	2·10	43.6242	8·2
...	2′785	−41′893	− 4	*m*	...
...	2′527	− 2′437	− 4	B*m*	...
*	2′508	+13′111	1·50	42.6352	8·8
...	1′578	−29′640	− 4	...	...
301					
...	− 1′435	− 2′660	− 3	*m*	...
...	1′420	−13′913	− 5	M *m*	...
...	1′183	−45′804	0·85	43.6243	9·8
..	− 0′871	+16′541	− 5	M *m*	...
...	+ 0′384	+54′007	− 4	...	...
...	+ 0′858	+58′079	− 5	...	...
...	1′040	+21′926	− 3	...	...
...	1′423	−35′502	− 5	*m*	...
...	1′908	−34′756	− 4	...	...
.	2′100	−29′537	− 5	*m*	...
311					
...	+ 2′259	−54′904	− 5	...	...
...	2′454	+39′934	− 5	M	...
...	2′708	−43′665	− 5	*m*	...
*	3′156	−26′541	1·00	43.6244	9·9
...	3′295	+51′891	− 5	M	...
...	+ 3′519	− 6′179	− 2	...	...
...	3′537	+ 6′485	− 5	M *m*	...
*	3′936	− 3′176	1·50	42.6353	9·4
*	4′130	+33′994	1·15	42.6355	10·0
*	4′142	+ 1′402	1·50	42.6354	9·6
321					
...	+ 4′669	+ 3′719	− 4	M *b*	...
...	5′004	+49′306	− 4	...	...
*	5′317	− 3′363	1·20	42.6356	9·8
...	5′423	+25′427	0·70	...	...
...	5′434	−10′132	− 5	*m*	...
...	+ 5′449	+23′596	0·70	...	...
...	5′497	−23′664	0·65	...	...
...	5′578	+26′581	− 3	...	...
...	5′637	−59′341	− 5	...	...
...	5′963	− 7′860	− 5	*m*	...

331–390

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
331					
...	+ 6′184	− 2′945	− 4	*m*	...
...	6′742	+49′495	− 1	...	...
...	6′919	−25′767	− 3	...	...
...	7′322	−57′573	− 5	...	...
...	7′950	− 8′322	− 5	*m*	...
...	+ 8′485	−20′804	− 1	...	...
...	8′533	−27′143	− 5	*m*	...
...	8′639	−20′694	− 5	*m*	...
...	8′746	+50′384	− 4	...	...
*	8′799	+27′805	1·00	...	...
341					
...	+ 8′924	−47′475	− 5	...	...
‡	8′984	− 9′758	1·40	43.6245	8·9
*	9′195	−16′615	1·50	43.6246	9·0
...	9′235	+18′428	− 5	*m*	...
...	9′381	−38′194	− 4	...	...
...	+ 9′614	+16′153	− 5	...	...
*	10′022	+19′759	2·50	42.6357	8·4
...	10′237	+ 9′883	− 5	*m*	...
...	10′251	+ 5′483	− 5	*m*	...
...	10′353	− 5′449	− 4	...	...
351					
...	+10′625	+19′503	0·80	42.6358	10·0
...	10′923	+37′525	− 5	*m*	...
...	10′961	+38′066	− 4	...	...
*	11′023	+ 0′545	1·10	42.6359	9·8
...	11′164	−46′659	− 5	*m*	...
...	+11′171	+31′167	− 5	...	...
...	11′366	−41′001	− 3	...	...
*	11′434	+21′509	3·30	42.6360	7·7
*	11′752	−28′290	1·20	43.6247	9·6
...	11′877	+29′485	− 4	...	...
361					
...	+12′014	−36′920	− 5	...	...
...	12′131	−32′814	− 5	*m*	...
...	12′257	−46′527	− 5	...	...
*	12′335	−27′462	1·00	43.6248	10·1
*	12′349	−26′428	1·30	43.6249	9·0
...	+12′358	+ 8′072	− 5	*m*	...
...	12′643	+46′575	− 4	...	...
...	12′702	+46′821	− 4	...	...
...	12′743	−12′955	− 4	...	...
...	12′787	+52′396	− 5	...	...
371					
...	+12′856	+30′524	− 5	*m*	...
...	12′948	+26′458	0·90	...	...
...	12′952	−42′012	− 4	...	...
...	13′333	+ 9′953	− 5	*m*	...
...	13′594	−52′581	− 5	...	...
*	+13′673	−27′710	1·90	43.6250	8·7
...	14′012	− 6′393	− 5	*m*	...
*	14′054	+42′449	1·40	42.6361	9·3
...	14′322	+24′725	0·65	...	...
...	14′416	+50′508	0·70	...	...
381					
...	+14′941	− 3′940	− 4	*d*	...
...	14′954	−31′395	− 5	...	...
...	15′132	−31′345	− 4	...	...
*	15′139	+40′605	1·00	42.6362	10·2
...	15′141	+46′401	− 4	...	...
*	+15′427	+27′495	1·30	42.6363	9·3
...	15′693	−59′504	− 5	...	...
...	15′859	+29′790	− 5	*m*	...
...	15′972	+58′244	− 2	...	...
...	16′022	+20′477	− 5	...	...

391–450

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
391					
...	+16·661	−28·097	− 2	.	...
...	16·781	−42·802	− 5	...	...
...	16·817	+11·077	0·70	...	...
...	16·872	−39·102	0·90	43.6252	10·2
...	17·544	− 4·586	− 4	...	...
...	+17·847	−32·666	− 5	...	...
...	18·067	−26·182	0·70	...	...
...	18·146	−45·548	0·70	...	...
...	18·853	−45·317	− 5	...	...
...	19·052	+15·834	− 1	...	...
401					
S *	+19·150	+19·142	3·00	42.6364	7·4
...	19·176	−45·656	− 4	...	...
S *	19·585	−41·188	3·25	43.6253	7·0
...	19·863	−29·016	− 5	...	...
...	19·943	−59·011	− 5	...	...
...	+19·971	+40·846	− 4	...	...
...	20·370	−37·482	− 5	...	...
...	20·392	−55·100	0·75	...	...
...	20·573	+45·578	0·90	42.6365	10·2
...	20·662	−26·664	− 4	...	...
411					
...	+20·681	+49·181	− 4	...	...
...	20·732	−26·744	− 4	...	...
...	20·897	+43·325	− 5	...	...
...	21·218	+46·632	0·80	42.6366	10·2
...	21·317	−18·336	− 2	...	..
...	+21·601	− 1·388	− 2	...	...
...	21·627	−16·773	− 4	...	...
...	22·536	−37·878	− 5	...	...
...	22·547	−42·642	− 5	...	..
...	22·778	+ 1·621	0·80	...	...
421					
...	+22·944	+29·723	− 4	...	...
...	23·081	+30·201	− 5	...	...
...	23·124	+42·919	− 5	...	...
...	23·383	− 7·233	0·90	...	...
...	23·418	+24·667	− 5	...	...
...	+24·005	−36·371	− 5	...	...
...	24·039	+ 2·197	− 3	...	...
*	24·046	+43·241	1·00	42.6367	10·2
*	24·082	−42·194	1·30	43.6254	9·6
...	24·831	−37·103	− 3	...	...
431					
...	+25·139	+13·584	− 3	...	...
...	25·654	+56·963	0·80	41.6438	10·0
...	25·862	−47·331	− 5	...	...
...	26·130	+ 1·857	− 2	...	...
...	26·398	−56·157	− 5	...	...
...	+26·580	−40·753	− 4	...	...
*	26·733	−29·930	1·00	43.6255	9·8
...	27·300	− 8·634	− 5	...	...
...	27·385	+ 7·663	− 5	*m*	...
...	27·470	+17·181	− 5	*m*	...
441					
...	+27·470	−51·623	− 4	...	...
S *	27·511	+49·223	2·00	42.6368	8·4
...	27·993	+23·056	− 2	...	...
*	28·081	−38·107	1·10	43.6256	9·7
...	28·151	+ 2·142	− 5	*m*	...
...	+28·200	+50·690	− 5	*m*	...
*	28·411	−20·853	1·00	43.6257	10·2
†	28·671	−39·681	− 2	...	...
...	28·729	−24·501	− 4	...	...
...	28·854	+39·204	− 4	...	...

451–510

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
451					
...	+29·144	+25·327	0·80	42.6369	10·0
...	29·272	+34·486	− 2	...	...
...	30·092	+45·614	− 5	...	...
...	30·241	+17·858	− 3	...	...
...	30·420	−59·101	− 3	...	...
...	+30·489	+11·641	− 4	...	...
...	30·584	−21·673	0·75	...	...
...	30·611	− 8·159	− 5	*m*	...
...	30·759	+48·481	− 5	...	...
...	30·840	+37·804	− 5	...	...
461					
...	+30·885	+45·808	− 4	..	...
...	31·069	−43·255	− 5	*m*	..
...	31·132	−39·308	− 4	...	..
...	31·262	+22·181	− 4	..	...
...	31·373	+58·930	− 5	...	...
...	+31·429	− 4·932	− 2	.	...
...	31·488	+50·835	− 5	.	...
*	31·769	−15·559	1·60	43.6259	8·9
...	32·068	+ 3·950	− 5	*m*	...
...	32·212	+10·467	− 3	..	.
471					
*	+32·232	+55·147	2·00	41.6441	8·6
...	32·257	− 3·344	− 4	...	...
...	32·614	−50·743	− 4	...	...
...	32·671	−27·997	− 5	*m*	...
...	32·729	+30·996	− 4	...	...
...	+32·735	−43·335	− 5	...	...
...	33·125	−42·636	− 4	...	...
...	33·592	+ 3·825	− 3	...	...
...	33·611	+38·505	0·90	42.6370	10·2
...	34·134	+ 2·515	− 1	...	...
481					
*	+34·169	+39·282	1·40	42.6371	9·2
*	34·367	+ 3·577	3·30	42.6372	7·3
*	34·503	−29·263	1·25	43.6260	9·6
...	34·997	+ 8·693	− 3	...	...
...	35·020	−23·420	0·90	43.6261	10·1
...	+35·132	− 3·086	− 3	...	...
...	35·232	−37·085	− 3	...	...
S *	35·245	−33·025	1·80	43.6262	8·6
...	35·294	−43·740	− 5	...	...
...	35·344	+ 3·090	− 5	...	...
491					
...	+35·418	+25·889	− 3	...	...
...	35·609	+33·113	− 3	...	...
...	35·845	−32·493	− 2	...	...
...	36·048	−20·587	− 5	...	...
*	36·260	−15·570	1·40	43.6263	9·3
...	+36·272	+21·189	− 3	...	...
...	36·280	−12·933	− 4	...	...
...	36·575	+16·467	− 2	.	...
*	36·702	−48·470	1·20	43.6264	9·6
...	37·013	−13·530	− 5	*m*	...
501					
...	+37·064	−14·565	− 5	*m*	...
...	37·293	−58·246	− 5	...	...
†	37·504	+ 5·162	− 2	42.6373	10·2
...	37·702	−42·097	− 5	...	...
*	37·721	−32·819	1·35	43.6265	9·4
...	+37·830	+27·539	− 4	...	...
*	37·840	−43·847	1·20	43.6266	9·6
...	37·926	+ 8·171	− 5	...	...
...	37·966	+ 6·679	− 5	...	...
...	38·123	−54·765	− 5	...	...

511–570

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
511					
†	+38·125	+35·003	− 2	...	...
...	38·190	− 8·053	− 5	*m*	...
...	38·226	− 7·033	− 5	...	...
...	38·433	−56·654	− 5	...	...
...	38·870	−41·692	− 5	...	...
...	+39·315	−48·433	− 4	...	...
...	39·404	+28·373	− 4	...	...
*	39·552	−20·775	1·05	43.6267	9·7
†	39·746	−48·269	− 4	...	...
...	39·923	−49·763	− 4	...	...
521					
...	+40·184	−30·810	− 5	...	...
...	40·291	−17·638	− 5	...	...
...	40·308	+31·251	− 5	*m*	...
...	40·621	−38·936	− 5	...	...
...	41·041	− 8·799	− 4	...	...
*	+41·059	−53·92[illegible]	1·10	43.6269	9·6
...	41·511	−58·487	− 5	...	...
...	41·518	−19·523	− 5	...	...
*	41·568	+24·559	1·20	42.6374	9·5
...	41·875	+56·682	0·80	41.6451	9·9
531					
...	+42·138	+ 1·410	− 5	...	...
...	42·243	−18·232	− 5	...	...
...	42·272	−33·725	− 4	...	...
...	42·309	− 6·099	− 5	...	..
...	42·551	+58·209	− 4	...	...
*	+42·595	−11·916	1·20	43.6270	9·6
...	42·648	+12·818	− 5	*m*	...
...	42·962	−20·339	− 5	*m*	...
...	43·146	+27·332	− 1	...	...
...	43·152	+ 7·084	0·70	...	...
541					
...	+43·160	−35·584	− 4	...	...
...	43·228	− 0·8[illegible]	− 4	...	...
*	43·362	−27·486	1·00	...	...
...	43·461	−13·155	− 5	*m*	...
...	43·503	−30·292	− 5	...	..
*	+43·527	−36·989	1·00	43.6272	10·2
*	43·562	+ 8·427	1·20	42.6375	9·8
..	43·724	+44·519	− 4	...	...
...	43·762	− 8·716	− 5	*m*	..
...	43·795	+ 0·925	0·80	...	...
551					
...	+44·354	− 8·394	0·90	43.6273	10·2
...	44·366	−50·914	− 5	...	...
...	44·425	+16·608	− 2	...	...
*	44·798	−14·590	1·00	43.6274	10·0
...	45·613	−29·460	− 4	...	...
...	+45·653	−28·842	− 5	...	...
...	45·799	+33·142	− 5	*m*	...
...	45·907	−25·132	− 5	...	...
...	45·967	+ 2·93[illegible]	− 3	...	...
...	46·303	+32·289	− 5	...	...
561					
...	+46·337	+13·219	− 4	...	...
...	46·342	+26·733	0·70	...	...
...	46·651	−22·154	− 5	...	...
...	46·684	+14·118	− 4	...	...
*	47·438	−54·47[illegible]	1·70	43.6275	9·0
...	+47·600	−46·683	− 2	...	...
...	47·688	− 0·430	− 5	*m*	...
...	47·830	+44·631	− 4	...	...
...	48·05[illegible]	−35·065	− 5	...	...
...	48·300	− 3·733	− 4	...	...

Notes	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
	571–600				
571					
...	+48·308	−50·821	− 5	...	...
S *	48·449	+25·792	2·00	42.6376	8·6
...	48·491	− 2·864	− 3	...	...
...	48·566	− 9·004	− 4	...	...
...	48·669	+56·044	− 5	...	...
...	+48·733	+36·544	− 5	...	...
...	48·836	+20·269	− 3	...	...
...	49·052	+53·679	− 4	...	...
...	49·087	+ 5·965	− 3	...	...
*	49·103	+56·216	2·70	41.6456	8·6
581					
†	+49·512	+23·189	− 5	...	...
...	49·809	−49·482	− 5	...	...
...	49·818	+ 2·621	− 4	*a*	...
...	49·936	−38·790	− 5	...	...
...	50·035	−15·303	− 1	...	...
...	+50·040	−40·470	− 5	...	...
...	50·081	+28·165	− 5	*m*	...
...	50·330	−26·709	− 5	...	...
...	50·397	+ 9·203	− 5	..	...
...	50·650	−30·798	− 4	...	...
591					
...	+50·680	+40·232	− 3	...	..
...	51·775	+46·327	− 5	...	...
...	52·019	+18·734	0·80	...	...
‡	52·129	+35·163	1·50	42.6377	9·0
...	52·601	− 5·458	− 5	*m*	...
...	+52·675	−15·960	− 4	...	...
...	52·796	+ 7·107	− 5	*m*	...
...	52·975	+22·115	0·90	...	...
...	52·988	+ 3·891	− 3	...	...
...	53·038	+34·360	0·75	...	...
	601–630				
601					
...	+53·122	+35·685	− 5	...	...
*	53·461	+ 3·359	1·00	42.6378	10·0
...	53·511	+21·091	− 5	...	...
*	53·584	−20·243	1·00	43.6276	10·0
†	53·731	+15·214	− 4	...	...
...	+53·821	−37·386	− 3	..	...
...	53·961	−46·661	− 1	...	...
...	54·013	−46·545	− 5	...	...
S *	54·278	− 2·650	1·70	42.6379	8·6
...	54·482	+ 4·634	− 3	...	...
611					
...	+54·488	−40·102	− 5	...	...
...	54·523	−23·413	0·70	...	...
..	54·928	+13·913	− 4	...	...
...	55·179	+44·737	− 5	...	...
...	55·352	+37·965	− 5	*m*	...
*	+55·415	+14·620	1·60	42.6380	8·8
*	55·529	− 6·620	1·40	42.6382	9·0
*	55·668	+36·863	1·15	42.6381	9·8
...	55·996	+ 0·924	− 5	*m*	...
...	56·086	+12·968	− 4	...	...
621					
...	+56·495	−33·859	0·90	...	...
...	56·619	−22·445	− 5	...	..
...	56·909	+26·946	− 4	...	..
...	57·178	−54·941	− 3	...	...
...	57·205	+42·370	− 5	...	...
*	+57·353	+27·640	1·30	42.6383	9·6
...	57·498	−48·603	− 1	.	...
†	58·056	+20·153	− 5	...	...
...	58·257	+ 6·456	− 1	...	...
...	58·390	+12·407	− 4	...	...
	631–634				
631					
...	+58·996	−28·523	− 5	...	...
...	59·203	+32·644	0·75	42.6384	10·0
*	59·436	+ 7·271	1·00	42.6387	9·8
†	59·507	+ 8·264	0·70	42.6386	10·2

Notes	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
	1–20				
1					
...	−59·235	−15·429	− 3	...	...
*	58·639	+35·057	1·35	42.6377	9·0
..	58·488	−40·595	− 5	...	...
...	58·270	+18·644	0·70	...	...
...	57·701	+34·294	0·75	...	...
...	−57·400	+22·055	0·75	...	...
...	56·856	+ 3·834	− 4	...	...
...	56·574	−16·013	− 4	...	...
...	56·45	+15·172	− 4	...	...
*	56·372	+ 3·32	1·10	42.6378	10·0
11					
..	−55·874	+44·727	− 5	...	...
..	55·531	−20·263	0·80	43.6276	10·0
...	55·37	+ 4·631	− 4	...	...
S *	55·359	− 2·665	1·80	42.6379	8·6
.	55·225	+13·907	− 4	...	...
*	55·147	+36·868	1·20	42.6381	9·8
...	54·779	−37·34	− 2	...	...
*	54·75	+14·63	1·40	42.6380	8·8
...	54·515	−23·398	− 1	...	..
...	54·367	−46·968	− 4	...	...
	21–40				
21					
...	−54·036	−40·098	− 5	...	...
..	54·035	+13·007	− 4	...	...
*	54·001	− 6·594	1·40	42.6382	9·0
...	53·785	+42·433	− 4	...	...
...	53·625	+26·998	− 3	...	...
*	53·202	+27·696	1·20	42.6383	9·6
...	52·423	−22·380	− 4	...	...
...	52·267	+20·261	− 4	...	...
...	52·219	−33·798	0·75	.	...
...	51·951	+58·706	− 4	...	...
31					
...	−51·711	+12·514	− 4	...	...
...	51·657	+ 6·559	− 1	...	...
*	51·553	+52·125	1·25	42.6385	9·7
...	51·494	+32·[illegible]	0·80	42.6384	10·0
...	51·295	+29·392	− 5	M	...
...	−51·181	+44·316	− 5	..	..
†	50·910	−54·849	− 5		...
...	50·772	−48·497	− 4	...	...
*	50·503	+ 7·407	1·10	42.6387	9·8
..	50·479	+ 8·406	0·80	42.6386	10·2
	41–60				
41					
...	−50·302	+22·976	− 5	M	...
...	49·701	−13·005	− 3	...	...
..	49·675	+47·926	− 3	...	...
...	47·906	+19·897	− 1	...	...
...	47·782	−11·166	0·85	...	...
...	−46·733	−26·856	− 4	...	...
...	46·475	−19·857	− 4	...	...
...	45·702	− 0·387	0·80	42.6388	10·2
...	45·309	+57·374	− 4	...	...
...	45·266	+ 4·637	− 4	...	...
51					
...	−45·238	+43·531	− 4	..	...
...	45·214	− 2·494	− 4	...	...
*	45·[illegible]55	+ 9·043	1·05	42.6389	9·8
...	43·944	−50·471	− 1	...	...
*	43·617	+51·575	1·05	42.6391	9·6
*	−43·605	+52·009	1·05	42.6390	9·4
...	43·566	−52·324	− 4	...	...
...	42·995	+34·385	− 4	...	...
...	42·904	−51·817	− 1	43.6279	10·0
...	42·54[illegible]	−47·765	− 4	...	...

CH measured from [illegible], 183, 380.
S [illegible] 73, 272, 475.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
61–120					
61					
...	−42·329	− 4·125	− 1	...	...
...	41·857	+30·580	− 4	...	...
...	41·511	−40·039	− 5	...	...
*	41·433	+41·706	1·20	42.6393	9·5
*	41·074	+ 6·964	1·25	42.6392	9·4
...	−41·046	−17·322	− 5	...	...
...	40·890	+33·685	− 1	...	...
*	40·800	+22·274	1·25	42.6394	9·6
...	40·718	+16·932	− 1	...	...
...	40·244	−30·977	− 3	...	...
71					
...	−40·163	+ 1·376	− 2	...	...
‡	39·979	−21·621	1·00	43.6280	10·0
...	39·687	+38·587	− 5	M	...
...	39·520	−40·809	− 5	...	...
*	39·487	−51·885	1·00	43.6281	9·9
...	−39·412	+16·059	0·90	...	...
...	39·191	+29·082	− 2	...	...
...	38·711	−45·395	− 5	...	...
...	38·407	−28·980	− 4	...	...
‡	38·071	+25·019	2·00	42.6395	8·4
81					
...	−37·925	+28·575	− 5	M	...
...	37·891	+57·572	− 4	...	...
...	37·722	−12·962	− 2	...	...
...	37·515	+59·035	− 5	...	...
...	37·011	+53·482	− 3	...	...
*	−36·793	− 6·436	2·30	42.6396	8·2
...	36·689	−15·299	− 4	...	...
...	36·387	+21·692	− 2	...	...
...	36·259	+53·569	− 4	...	...
...	36·209	+32·992	− 5	M	...
91					
...	−35·862	+46·383	0·90	42.6397	9·8
*	35·594	−42·054	1·10	43.6282	10·0
...	35·359	+31·194	− 4	...	...
...	35·322	+16·634	0·70	...	...
...	35·260	−31·128	− 2	...	...
...	−34·851	− 9·759	0·75	...	...
...	34·827	−30·725	− 5	...	...
...	34·762	−45·399	− 5	...	...
*	34·702	−36·917	1·10	43.6283	9·8
...	34·399	−58·420	− 5	...	...
101					
†	−34·077	+14·957	− 3	...	...
...	34·068	+46·571	− 2	...	...
...	34·059	−25·941	− 5	...	...
...	33·778	+43·728	− 5	...	...
...	33·620	−13·974	− 5	...	...
...	−33·400	−12·877	0·70	...	...
...	32·916	+36·545	− 4	...	...
...	32·814	+33·938	− 4	...	...
...	32·305	+ 8·699	− 4	...	...
S *	32·204	+46·548	1·45	42.6398	9·2
111					
...	−32·003	+53·365	− 4	...	...
...	31·545	−45·600	− 5	...	...
N †	31·576	−49·830	− 4	...	...
...	31·257	−43·328	− 5	...	...
...	31·234	+ 7·261	− 5	...	...
†	−31·055	−29·901	− 4	...	...
...	30·977	−45·534	− 5	...	...
...	30·689	+52·619	− 5	...	...
...	30·641	−46·600	− 4	...	...
N	30·403	+24·375	− 3	A	...
121–180					
121					
...	−30·392	+50·756	− 4	...	...
...	30·301	+50·856	− 4	...	...
†	30·022	+10·913	− 3	...	...
...	29·577	−53·265	− 4	...	...
*	29·391	+29·396	1·30	42.6399	9·2
...	−29·387	− 8·491	− 5	M	...
...	29·261	− 7·568	− 4	...	...
...	29·237	−22·158	− 2	...	...
*	29·100	+ 0·623	2·00	42.6400	8·4
...	28·890	−58·324	− 5	...	...
131					
*	−28·836	−52·993	1·20	43.6285	9·5
...	28·392	−32·372	0·80	...	...
...	28·332	− 1·342	− 5	...	...
...	28·248	−57·855	− 5	...	...
*	28·180	+20·838	1·10	42.6402	8·8
*	−27·952	+20·791	1·40		
*	27·841	+ 2·757	1·10	42.6401	9·8
...	27·220	−10·771	0·70	...	...
...	27·194	−38·714	− 5	...	...
...	27·157	+52·161	− 5	...	...
141					
...	−26·927	−51·375	− 5	...	...
...	26·371	−53·327	0·70	...	...
*	26·354	−12·976	1·20	43.6286	9·9
...	26·333	−40·932	0·70	...	...
...	26·058	+13·861	− 5	M	...
...	−26·047	+13·525	− 3	...	...
...	25·948	+21·219	− 5	...	...
*	25·901	+48·229	1·20	42.6403	9·6
...	25·534	+42·838	− 4	...	...
...	25·084	−15·689	− 5	M	...
151					
†	−25·012	+42·433	− 4	...	...
*	24·704	−42·263	1·00	43.6288	9·8
...	24·585	+21·051	0·90	42.6404	10·0
...	24·489	+45·212	− 3	...	...
...	24·377	−43·446	0·65	...	...
...	−23·917	−46·209	− 5	...	...
...	23·916	+ 0·894	0·70	...	...
...	23·792	−18·986	− 5	...	...
...	23·757	−17·202	− 4	...	...
...	23·360	−12·343	0·90	43.6289	10·0
161					
...	−23·243	+51·274	− 5	...	...
...	23·077	− 3·478	− 4	...	...
...	22·501	+16·667	− 2	42.6405	10·2
...	22·266	− 8·105	− 5	M	...
S *	22·110	+29·377	1·35	42.6406	9·0
...	−22·089	− 8·275	− 5	...	...
...	21·823	+ 4·477	− 3	...	...
*	21·787	−25·948	1·60	43.6290	9·0
...	21·666	−33·192	− 5	...	...
...	21·425	−28·373	− 4	...	...
171					
S *	−21·387	−14·146	1·40	43.6291	9·0
...	21·365	−50·095	− 4	...	...
...	21·351	− 0·385	− 5	M	...
...	21·245	+44·484	− 3	...	...
S *	21·026	−39·112	1·65	43.6292	8·8
...	−21·012	+ 5·870	− 4	...	...
...	20·799	+52·683	− 2	41.6476	10·2
...	20·686	−45·739	− 4	...	...
...	20·582	+10·556	− 4	...	...
*	20·459	− 8·388	1·05	43.6293	10·0
181–240					
181					
...	−20·358	−49·720	− 5	...	...
‡	20·034	−46·362	1·10	43.6294	9·5
...	19·529	+47·113	− 2	...	...
...	19·472	+29·180	− 5	...	...
...	19·054	+35·633	− 5	...	...
...	−18·865	+46·069	− 5	...	...
...	18·742	+29·831	− 2	...	...
...	18·713	−50·458	− 5	...	...
...	18·543	+36·190	− 4	...	...
...	18·191	−48·885	− 5	...	...
191					
*	−18·065	−43·936	1·30	43.6295	9·0
n *	17·918	−42·846	2·50	43.6296	7·8
...	17·885	+37·852	− 4	...	...
n *	17·785	−43·062	1·00	43.6296	7·8
...	17·770	+58·595	− 5	...	...
...	−17·606	−25·241	0·70	...	...
...	16·825	+ 7·247	− 3	...	...
...	16·599	−56·508	− 5	...	...
...	16·533	+ 3·335	− 3	...	...
...	16·358	+33·645	− 4	...	...
201					
...	−16·171	+59·073	− 5	...	...
*	15·897	− 3·605	1·30	42.6407	9·2
...	15·831	+37·551	− 4	...	...
...	15·568	+11·888	− 5	M	...
...	15·434	+ 1·304	− 5	M	...
...	−15·164	−14·167	− 3	...	...
...	15·156	+23·300	− 4	...	...
...	15·136	−26·708	0·65	...	...
...	14·897	+ 2·123	− 3	...	...
...	14·349	+ 2·359	− 3	...	...
211					
...	−14·136	+23·581	0·70	42.6408	10·2
...	14·037	+53·020	− 5	...	...
*	13·933	−23·572	1·35	43.6297	9·2
*	13·672	−42·019	1·00	43.6298	10·0
...	13·409	−54·452	− 2	...	...
...	−13·404	−11·631	− 3	...	...
...	13·102	− 8·838	− 5	M	...
...	12·315	−51·441	− 5	...	...
...	11·988	−57·872	− 2	...	...
*	11·875	+15·486	1·20	42.6409	9·7
221					
...	−11·832	+32·233	− 1	...	...
*	11·723	+26·830	1·05	42.6410	9·4
...	11·582	−14·277	− 1	...	...
*	11·450	+43·336	1·00	42.6411	10·0
*	10·752	− 6·326	2·00	42.6412	8·8
...	−10·652	+11·187	− 4	B	...
*	10·641	+ 6·467	1·05	42.6413	10·0
...	10·570	+32·051	− 4	A	...
...	10·337	−15·547	− 4	...	...
...	10·335	−14·168	− 3	...	...
231					
...	−10·285	+13·611	− 4	B	...
...	9·771	+ 2·920	− 2	...	...
...	9·606	+53·162	− 4	...	...
...	8·855	+19·673	− 4	...	...
...	8·680	−23·786	− 2	...	...
...	− 8·379	−45·562	− 5	...	...
...	8·252	−11·125	− 1	...	...
...	8·228	− 5·173	− 5	M	...
...	8·191	+38·532	0·85	42.6414	10·2
...	7·267	+26·369	− 4	A	...

113. Obscured by reseau ; 2nd image measured and corrected.
120. 42″·83, obscured by réseau.
192, 194. C.P.D., probably mass.

241–300

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
241					
...	− 7′173	−15′130	− 3	...	...
...	7·152	−43·152	− 4	...	..
...	6·529	−47·415	− 5	...	...
...	6·216	−46·700	− 5	...	...
...	6·141	−53·021	− 3	...	...
...	− 6·073	−10·017	− 5	M	...
...	5·992	−29·177	0·70	...	...
†	5·612	−44·848	− 5	...	...
...	5·396	−47·928	− 5	*m*	...
†	4·991	−29·285	0·70	...	...
251					
...	− 4·953	+42·337	− 4	...	...
...	4·671	−16·296	− 3	...	...
...	4·548	−19·638	− 5	*m*	...
...	4·447	+18·477	0·75	42.6415	10·2
...	4·105	−15·333	− 3	...	...
...	− 4·083	−23·744	− 4	*m*	...
...	3·953	+23·108	− 3	...	...
...	3·840	+23·281	− 5	M *m*	...
...	3·703	+38·361	− 4	...	...
...	3·665	−46·051	− 5	M *m*	...
261					
†	− 3·127	−44·755	− 5	*m*	...
...	3·042	−30·038	− 5	...	..
...	2·346	−37·547	0·85	43.6300	10·0
..	2·329	+17·206	− 2	...	...
...	2·223	+17·456	− 3	...	...
...	− 2·100	+52·847	− 5	...	...
...	1·874	+37·459	− 5	...	...
...	1·660	+ 4·910	− 3	...	...
...	0·956	−26·247	− 4	*m*	...
N	0·920	+51·468	− 3	A	...
271					
...	− 0·235	+44·745	− 1	42.6416	10·2
...	+ 0·269	−50·874	− 5	...	...
†	0·468	−39·800	− 4	*m*	...
*	0·532	+10·396	1·40	42.6417	9·4
...	0·699	−56·062	− 5	...	...
...	+ 0·717	−45·690	− 2	...	...
...	0·987	+54·681	− 5	...	...
†	1·000	+20·070	− 5	M	...
...	1·209	+40·811	− 5	M	...
...	1·267	−56·860	− 5	*m*	...
281					
...	+ 1·296	+42·503	− 3	...	...
...	2·19[illegible]	− 7·078	− 4	*m*	...
...	2·198	+48·306	− 5	M	...
...	2·219	−45·508	− 5	*m*	...
...	2·269	+22·680	− 1	...	...
...	+ 2·403	+28·281	− 5	M	...
...	2·570	+42·376	0·70	42.6418	10·2
...	2·630	− 1·815	− 5	M *m*	...
...	2·739	−17·738	− 5	M *m*	...
...	2·750	+30·175	− 5	...	...
291					
...	+ 2·805	−35·430	− 4	...	...
...	4·166	−21·693	− 5	*m*	...
...	4·267	−30·921	0·70	...	...
...	4·403	−57·[illegible]23	− 3	...	...
...	4·592	+47·231	− 5	...	...
...	+ 4·[illegible]87	−18·087	0·90	43.6301	10·0
...	4·777	−45·383	− 5	...	...
...	5·180	+52·810	0·90	41.6492	10·2
...	5·375	+14·[illegible]78	− 5	...	...
...	5·397	+54·336	− 5	...	...

301–360

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
301					
...	+ 5′523	−35′386	− 5	*m*	...
...	5·548	− 7·739	− 3	...	...
...	5·794	+ 1·281	− 5	...	...
...	6·105	−41·585	− 5	*m*	...
...	6·485	+49·773	− 2	42.6419	10·2
...	+ 6·494	−13·310	− 4	...	...
...	6·586	−18·550	− 5	*m*	...
*	6·831	− 2·402	1·30	42.6420	9·6
...	7·162	−46·150	− 4	...	...
...	7·288	+ 1·851	− 5	...	...
311					
...	+ 7·432	−55·846	− 2	...	...
...	7·539	+18·443	− 4	...	...
...	7·548	+48·732	− 4	...	...
...	8·275	− 2·358	− 4	*b*	...
...	8·737	−12·783	0·70	...	...
...	+ 8·776	+37·241	− 5	...	...
...	9·220	−59·110	− 5	...	...
...	9·338	+51·947	− 4	...	...
...	9·510	−56·221	0·90	43.6303	10·0
...	9·520	−21·443	− 5	...	...
321					
...	+ 9·728	− 9·509	− 5	*m*	...
‡	9·888	−54·105	1·20	43.6306	9·7
...	10·177	−18·284	− 4	...	...
...	10·504	− 7·397	− 5	*m*	...
...	10·512	+12·187	− 5	...	...
*	+10·635	+44·243	1·10	42.6421	9·6
...	10·820	−46·798	− 4	...	...
...	11·109	+11·121	− 5	...	...
...	11·140	+20·741	− 1	42.6422	10·2
...	11·225	+41·071	− 5	...	...
331					
†	+11·235	+14·987	− 4	...	...
*	11·237	− 7·185	1·10	42.6423	9·9
...	11·268	−37·480	− 5	...	...
...	11·278	+42·336	0·75	42.6424	10·2
...	11·363	− 4·232	− 5	*m*	...
...	+11·886	+ 4·103	− 5	...	...
...	12·049	+16·822	− 4	...	...
...	12·858	−35·375	− 4	...	...
...	12·862	+31·924	− 4	...	...
...	12·932	−49·899	− 4	...	...
341					
...	+12·968	+40·178	0·70	42.6425	10·2
...	13·220	+56·039	− 3	...	...
...	13·361	+58·009	− 5	...	...
†	13·598	+30·016	− 5	...	...
...	14·010	−51·980	− 4	...	...
...	+14·156	+31·419	0·70	42.6427	10·2
S *	14·187	+52·649	1·80	41.6499	8·6
...	14·216	+30·067	0·80	42.6426	9·9
*	14·625	−52·966	1·10	43.6307	9·7
...	14·663	−48·580	− 5	...	...
351					
...	+14·826	−39·155	− 2	...	...
‡	14·930	+45·764	1·10	42.6428	9·6
...	15·041	−21·237	0·90	43.6308	10·0
...	15·387	−23·145	− 4	...	...
...	15·394	+ 2·883	0·65	...	...
...	+15·396	+54·356	0·70	41.6500	10·2
...	15·641	+50·281	0·80	42.6429	10·0
...	15·736	+43·747	− 5	...	...
...	15·918	−56·227	0·80	43.6309	10·0
...	15·968	−46·357	0·70	...	...

361–420

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
361					
*	+15′988	−39′709	1·00	43.6310	9·9
...	16·244	−40·653	− 5	*m*	...
...	16·412	+15·095	0·70	42.6430	10·2
...	16·412	−58·121	0·90	43.6311	10·0
...	16·535	+12·374	− 5	...	...
...	+16·650	+45·184	− 5	...	...
...	17·019	−22·102	− 4	...	...
...	17·225	+43·345	0·90	42.6431	9·9
...	17·578	−37·380	− 5	...	...
*	17·591	+22·182	1·00	42.6432	9·8
371					
...	+17·628	+ 5·986	− 4	...	...
...	17·704	+38·578	− 5	...	...
...	18·001	−51·429	− 5	...	...
...	18·030	−11·847	− 4	...	...
...	18·034	+48·313	− 4	...	...
*	+18·250	−48·679	1·20	43.6312	9·5
*	18·351	−17·561	1·00	43.6313	10·0
...	18·394	−59·403	− 5	*m*	...
...	18·473	+57·679	− 4	*a*	...
...	18·482	+11·599	− 5	...	...
381					
...	+18·579	−43·377	− 5	*m*	...
†	18·829	−24·911	− 5	...	...
...	18·872	−59·470	− 5	*m*	...
...	18·978	−40·383	− 4	*c*	...
...	19·162	−31·979	0·80	43.6315	10·0
*	+19·275	−31·297	1·40	43.6316	9·4
S *	19·705	−22·697	1·40	43.6317	8·9
...	19·777	− 6·424	− 5	*m*	...
...	20·351	−26·706	0·80	43.6318	9·9
...	20·519	+19·631	− 4	...	...
391					
...	+20·719	−14·189	− 5	*m*	...
*	21·265	−22·017	1·30	43.6319	9·2
...	22·181	−51·846	− 4	...	...
S *	22·345	+30·638	1·40	42.6433	9·0
...	22·643	+42·317	− 4	...	...
...	+23·032	+26·141	0·85	42.6434	10·0
...	23·487	+32·344	− 5	...	...
...	23·503	+39·086	− 4	...	...
...	23·758	−43·848	− 3	...	...
...	23·832	−14·022	0·75	43.6320	10·0
401					
...	+23·836	+27·039	0·70	42.6435	10·2
...	24·212	−13·130	− 4	...	...
...	24·469	+37·783	− 5	...	...
...	24·701	+26·308	− 4	...	...
...	24·764	+25·116	− 5	...	...
‡	+24·912	+23·891	1·30	42.6436	9·2
*	25·047	− 2·043	1·30	42.6437	9·2
...	25·230	+ 2·038	− 5	...	...
...	25·309	−49·909	− 4	...	...
...	25·403	−24·692	− 4	*a*	...
411					
...	+25·523	−16·468	0·85	43.6321	10·0
...	26·033	−52·307	− 5	...	...
S *	26·238	−51·934	1·30	43.6322	9·4
...	26·520	−57·808	− 3	...	...
...	27·829	+ 4·057	− 1	...	...
*	+28·086	+ 9·846	1·05	42.6438	9·8
...	28·203	+ 6·236	0·65	...	...
†	28·258	+15·023	− 3	...	...
...	28·314	−11·327	− 2	...	...
...	28·505	+17·355	− 5	...	...

270. 42′83, obscured by réseau.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
	421-470				
421					
...	+28·524	+ 7·225	− 3	...	...
...	28·591	−47·860	− 4	...	...
*	28·779	+30·243	1·05	42.6439	9·8
*	28·990	+27·860	1·20	42.6440	9·7
...	29·176	+59·177	0·90	41.6515	9·8
...	+29·734	−53·701	− 4	...	...
*	30·110	+37·467	1·40	42.6441	9·2
...	30·535	−29·626	− 5	...	...
...	30·616	− 9·697	− 3	...	...
...	30·803	+41·614	− 4	...	...
431					
...	+30·830	− 4·666	− 5	...	...
...	30·866	−31·781	− 5	...	...
...	31·211	−37·463	− 5	...	...
...	31·963	+47·785	− 5	...	...
*	32·303	−26·747	2·00	43.6324	8·7
*	+32·581	− 2·397	1·20	42.6442	9·6
...	32·608	+36·207	− 4	*a*	...
*	32·799	−30·559	1·20	43.6325	9·6
...	33·421	−47·319	− 3	...	...
...	33·607	−46·781	− 1	...	...
441					
...	+33·832	−30·119	− 5	...	...
...	33·849	+19·059	− 4	...	...
...	34·072	−38·385	− 4	...	...
...	34·096	−11·075	− 4	*b*	...
...	34·195	−27·894	− 5	*m*	...
...	+34·292	+43·058	− 4	...	...
...	34·491	+53·457	− 5	...	...
...	34·564	−44·194	0·90	...	...
...	34·574	+57·173	− 5	...	...
...	34·583	− 8·987	0·90	43.6326	10·0
451					
†	+34·845	−17·481	0·65	...	...
...	35·255	−52·918	− 4	...	...
...	35·349	+ 1·867	− 3	...	...
...	35·365	+38·886	− 4	...	...
...	35·594	− 1·082	− 5	*m*	...
...	+35·746	−50·592	− 4	...	...
...	36·258	−26·103	− 3	...	...
*	36·342	+52·549	1·10	41.6519	9·9
...	36·470	−26·021	− 5	*m*	...
*	36·814	−37·425	1·00	43.6327	9·9
461					
...	+37·073	−35·163	− 4	...	...
...	37·231	+11·519	− 4	...	...
...	37·511	+39·813	− 5	...	...
...	37·511	−13·078	0·90	43.6328	10·0
...	37·627	−52·553	− 4	...	...
...	+37·640	− 7·152	− 4	...	...
...	38·054	+ 0·722	0·65	...	...
...	38·222	+31·292	− 5	...	...
...	38·415	−32·422	− 3	...	...
...	38·637	−43·461	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 3.	C.P.D. No.	C.P.D. Mag.
	471-520				
471					
...	+38·919	+18·105	− 5	...	...
...	39·035	−58·006	− 4	*a*	...
...	39·405	−39·453	− 2	...	...
...	39·556	+35·903	− 4	...	...
...	40·136	−15·245	− 4	*b*	...
...	+40·163	−31·991	− 5	...	...
...	40·613	−24·477	− 5	...	...
...	40·634	+58·110	− 5	*m*	...
...	40·662	−51·222	0·90	43.6329	10·0
...	40·767	−14·462	− 3	...	...
481					
...	+41·025	−36·619	− 4	...	...
...	41·659	+29·042	− 5	*m*	...
...	41·903	+14·215	− 4	...	...
...	42·365	− 2·110	− 3	...	...
...	42·411	+ 8·397	− 4	...	...
...	+42·503	− 9·419	− 5	*m*	...
...	42·774	− 8·316	− 4	...	...
*	42·948	−51·144	1·00	43.6330	9·9
*	43·066	−59·592	1·80	43.6331	8·9
...	43·133	− 0·177	− 5	*m*	...
491					
*	+43·176	+ 7·819	1·00	42.6443	10·2
...	43·537	−56·688	− 4	...	...
...	43·602	+47·989	− 1	42.6444	10·0
n *	43·972	+54·611	2·10	41.6524	7·8
n ‡	43·997	+54·839	1·40		
...	+44·156	+46·902	− 4	...	...
...	45·073	−45·738	− 5	...	...
...	45·200	+46·688	0·80	42.6445	10·0
...	45·273	+21·530	− 5	*m*	...
...	45·281	+51·786	− 3	...	...
501					
...	+45·414	− 2·721	− 5	*m*	...
...	45·674	+14·830	0·80	42.6446	10·0
*	45·700	+56·321	1·50	41.6526	9·2
...	45·716	+23·023	− 3	...	...
...	45·921	+ 6·245	0·65	...	...
*	+45·949	+ 5·763	1·30	42.6447	9·5
†	46·039	+54·953	− 5	...	...
...	46·098	+56·962	− 5	...	...
...	46·310	− 1·503	− 4	...	...
...	46·376	+11·628	0·70	42.6448	10·2
511					
...	+46·660	+43·093	− 5	*m*	...
...	46·831	+42·904	− 4	...	...
...	46·857	+23·848	− 3	...	...
*	46·859	+56·201	1·70	41.6528	9·2
S *	46·973	−21·162	1·50	43.6332	8·8
...	+47·170	+30·310	− 5	*m*	...
...	47·341	−22·668	− 5	...	...
...	47·404	− 7·549	− 3	...	...
...	47·673	−35·268	− 4	...	...
...	47·897	− 2·291	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 3.	C.P.D. No.	C.P.D. Mag.
	521-568				
521					
...	+48·074	− 4·256	− 4	...	...
...	48·262	−31·086	− 1	...	...
...	48·963	−38·639	− 5	...	...
...	49·025	−32·527	− 4	*e*	...
...	49·117	− 6·050	− 4	...	...
...	+49·297	+26·638	− 5	*m*	...
*	49·511	−38·364	1·35	43.6334	9·4
*	49·643	+21·606	1·60	42.6449	9·0
...	49·970	+50·568	− 4	...	...
*	50·133	+51·642	2·60	42.6450	8·3
531					
*	+50·320	+32·917	1·40	42.6451	9·0
*	50·615	−14·556	1·00	43.6335	9·6
...	50·986	−17·692	0·70	...	...
...	51·268	−51·840	0·70	43.6336	10·0
...	51·622	+14·734	− 5	...	...
...	+51·674	+31·653	− 5	...	...
...	51·743	−53·559	0·85	43.6337	9·9
...	51·927	+13·586	− 2	...	...
...	51·971	+ 9·168	− 3	...	...
...	51·972	−53·180	− 5	...	...
541					
...	+52·295	− 6·326	− 2	...	...
...	52·200	−18·892	− 4	...	...
...	52·622	−21·530	0·90	43.6338	10·0
S *	52·679	+17·166	2·40	42.6452	8·0
...	52·855	−53·840	0·90	43.6339	9·9
...	+52·861	+13·396	− 5	...	...
...	53·014	+11·190	− 4	...	...
...	53·187	−42·518	− 4	...	...
...	53·417	−53·187	− 4	...	...
†	54·550	− 9·899	− 3	...	...
551					
...	+54·634	+20·575	0·75	...	...
...	54·649	+22·767	− 4	...	...
...	55·040	−26·974	− 4	...	...
...	55·441	+10·736	0·65	...	...
...	55·665	+23·364	− 2	...	...
...	+55·865	+16·480	− 5	...	...
...	56·569	−16·288	− 5	...	...
...	56·843	− 9·757	0·90	43.6340	10·0
...	56·973	+28·371	0·80	42.6453	10·2
...	57·442	−22·405	0·80	...	...
561					
...	+57·514	−25·532	− 5	...	...
...	57·621	−38·925	− 4	..	...
...	58·105	−10·145	− 3	...	...
...	58·201	− 1·033	− 5	*e*	...
...	58·446	+37·853	0·90	42.6454	9·7
...	+59·001	−58·785	− 5	...	...
...	59·115	−27·891	− 5	...	...
...	59·243	− 1·668	0·80	42.6455	9·9

494, 495. C.P.D., suspected double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1–60					
1					
..	−59·737	−32·674	−5	E	...
...	59·599	−38·784	−5	...	...
*	59·071	−38·492	1·30	43.6334	9·4
...	59·039	+31·545	−5	...	...
*	58·685	−14·666	1·10	43.6335	9·6
...	−58·601	−51·974	−5	...	...
...	58·556	+14·645	−5	...	...
...	58·225	−17·787	0·75	...	...
...	58·213	+13·503	0·80	...	...
...	58·033	+ 9·080	0·65	...	..
11					
S *	−57·558	+17·096	2·35	42.6452	8·0
...	57·270	+13·343	−3	...	...
...	57·249	− 6·393	0·80	...	...
...	57·056	+11·133	−3	...	...
...	56·976	−15·790	−5	M	...
...	−56·976	−18·946	−5	...	...
...	56·908	−51·923	0·90	43.6336	10·0
*	56·470	−21·579	1·10	43.6338	10·0
*	56·404	−53·635	1·05	43.6337	9·9
...	56·184	−53·251	−5	...	...
21					
...	−55·768	+22·761	−2	...	...
*	55·733	+20·565	1·00	...	...
*	55·289	−53·869	1·10	43.6339	9·9
...	55·269	−42·528	−4	...	...
...	54·880	− 9·881	0·80	...	...
...	−54·769	+23·397	0·75	...	...
...	54·732	−53·200	−3	...	...
*	54·616	+10·757	1·00	...	...
...	54·349	+16·515	−5	...	...
...	53·894	−26·949	−3	...	...
31					
*	−53·611	+28·431	1·00	42.6453	10·2
...	52·680	−16·222	−5	...	...
*	52·604	− 9·684	1·10	43.6340	10·0
*	52·416	+37·963	1·00	42.6454	9·7
*	51·628	−22·309	1·00	...	...
...	−51·511	− 0·918	−5	E	...
...	51·451	−25·432	−5	...	...
...	51·434	+38·467	−5	M	...
*	51·319	−10·025	1·00	...	...
*	51·119	+49·246	1·15	42.6456	9·4
41					
...	−50·962	−38·805	−3	...	...
*	50·445	− 1·524	1·00	42.6455	9·9
*	50·051	+10·990	1·00	42.6457	9·9
...	49·790	−27·732	−4	...	...
...	49·670	+44·280	−3	...	...
*	−49·414	+29·494	1·15	42.6459	9·5
...	49·202	+54·854	−4	...	...
...	49·155	+39·243	−4	...	...
*	49·110	− 4·937	1·00	42.6458	10·2
...	48·975	−58·633	−1	...	...
51					
...	−48·939	− 4·230	−3	...	...
...	48·310	− 7·134	−5	M	...
†	48·305	+24·719	−5	...	...
...	48·097	− 8·087	−4	B	...
...	48·008	− 3·383	−5	M	...
..	−47·933	−31·406	−3	...	...
...	47·722	− 3·925	−5	...	...
...	47·709	− 7·884	0·65	...	...
S *	47·704	−10·608	1·30	43.6341	9·1
*	47·462	+54·068	1·90	41.6547	8·6
61–120					
61					
...	−47·280	− 3·425	−1	...	...
...	47·071	−17·412	−1	...	...
...	47·044	− 3·388	−5	M	...
...	46·703	−38·711	0·70	...	...
...	46·697	−19·391	−5	...	...
*	−46·576	+ 9·861	1·00	42.6460	10·0
...	46·304	+19·072	−3	...	...
*	46·251	− 6·948	1·00	...	...
†	46·173	−10·124	−5	M	...
‡	46·098	− 5·119	1·00	42.6461	9·9
71					
...	−45·626	−52·823	0·80	...	...
†	45·484	+19·739	0·90	42.6462	10·2
†	45·192	−12·642	−4	M	...
*	44·708	−40·638	1·00	43.6343	10·0
...	44·683	− 5·240	−5	M	...
*	−44·607	−50·474	1·00	43.6342	10·0
...	44·589	−38·076	−5	...	...
...	44·580	−39·744	−5	M	...
...	44·443	+42·533	−5	M	...
...	44·321	+35·549	−5	M	...
81					
...	−44·167	+31·652	−3	...	...
...	44·045	+21·213	−3	...	...
...	43·930	+ 0·242	−2	...	...
...	43·929	−17·564	−4	M	...
*	43·616	−31·722	1·00	...	...
...	−43·591	−21·702	−5	M	...
*	43·484	−49·912	1·05	43.6344	10·0
...	43·471	+35·249	−3	...	...
...	43·286	+47·373	−4	B	...
...	43·107	−32·476	0·90	...	...
91					
...	−42·864	−58·186	−5	M	...
...	42·560	−36·162	−5	M	...
...	42·549	+50·264	−5	...	...
*	42·544	+29·626	1·00	42.6463	10·0
...	42·529	+47·946	−5	M	...
...	−42·334	−45·189	−5	...	...
...	42·253	−18·124	−4	M	...
*	42·150	+ 3·339	1·00	...	...
*	42·058	−32·731	1·05	...	...
...	41·874	+35·864	−1	...	...
101					
...	−41·742	−23·652	−5	M	...
*	41·488	+54·054	1·45	41.6556	9·4
...	41·485	−45·934	0·95	...	...
...	41·157	+26·881	−5	M	...
*	41·010	+22·297	1·00	...	...
...	−40·926	+ 8·842	0·65	...	...
...	40·914	+41·695	−4	...	...
...	40·900	−50·132	−5	M	...
...	40·859	+37·356	−4	...	...
...	40·724	−33·625	−4	...	...
111					
...	−40·688	−23·020	−1	...	...
...	40·597	−50·090	−5	M	...
*	40·323	+16·166	1·10	42.6464	9·7
...	40·081	+ 8·928	−2	...	...
...	39·972	+33·888	0·75	...	...
...	−39·586	+17·153	−5	M	...
...	39·452	+40·583	−5	...	...
...	39·324	−36·132	−3	...	...
...	39·119	+24·328	−5	...	...
*	38·937	−24·539	1·00	43.6346	10·0
121–180					
121					
*	−38·880	+57·862	1·20	41.6559	9·8
†	38·863	−40·100	0·75	...	...
...	38·847	+22·414	−4	...	...
...	38·790	−23·492	−5	M	...
...	38·728	−56·529	−3	...	...
...	−38·513	+33·937	0·80	...	...
...	38·486	−20·185	−5	M	...
...	38·310	−12·973	−3	...	...
...	38·245	−17·750	−4	...	...
...	38·109	+ 7·333	−4	...	...
131					
...	−38·029	+36·919	−4	...	...
...	37·981	− 8·260	−5	M	...
...	37·751	−18·382	−3	...	...
...	37·509	+28·969	−5	M	...
...	37·251	−10·835	−4	M	...
*	−36·990	−29·375	1·00	43.6347	10·0
...	36·671	+56·357	−5	...	...
...	36·576	− 4·215	−5	M	...
...	36·172	+26·787	−5	...	...
...	36·074	+40·299	0·90	42.6465	10·2
141					
...	−35·800	+ 8·972	−4	...	...
...	35·709	+17·142	−2	...	...
...	35·668	−13·911	−2	...	...
...	34·749	−28·742	0·75	...	...
N	34·612	−48·335	−2	A	...
...	−34·278	+44·971	−4	...	...
...	34·038	+26·003	−1	...	...
...	33·957	−39·199	−5	M	...
...	33·914	−31·138	0·75	...	...
...	33·906	+21·479	−4	...	...
151					
...	−33·738	−46·271	−3	...	...
...	33·326	+56·488	−2	...	...
*	33·232	− 2·049	1·00	42.6466	10·2
...	33·076	+ 5·456	0·80	...	...
...	32·709	− 3·384	−5	M	...
*	−32·669	+25·291	1·05	42.6467	10·2
...	32·552	− 2·344	−5	M	...
...	32·380	+41·376	−4	...	...
...	32·313	−35·443	−5	M	...
...	32·263	−17·396	−5	M	...
161					
*	−32·168	−19·576	1·10	43.6349	10·0
...	32·118	−46·665	0·80	...	...
*	32·073	−18·177	1·00	...	...
...	32·073	−42·117	−2	...	...
...	31·859	−17·480	−5	M	...
...	−31·685	+10·715	−4	...	...
...	31·525	+17·410	−1	...	...
...	31·454	−28·179	−5	...	...
...	31·411	+38·262	0·65	...	...
...	31·323	+ 8·659	0·65	...	...
171					
...	−30·872	+55·830	−5	...	...
*	30·691	+13·155	1·25	42.6468	9·0
*	30·420	+56·417	1·10	41.6566	9·8
...	30·202	+38·943	0·90	...	...
*	30·147	+53·838	1·15	41.6567	9·7
*	−29·619	−15·849	1·05	43.6350	10·0
...	29·611	−43·010	0·80	...	...
...	29·276	− 9·793	−5	M	...
...	28·967	−45·319	−5	M	...
*	28·659	−22·941	1·15	43.6351	9·5

S measured from 1, 114, 238, 373, 521, 652.
SB " " " 43, 174, 298, 448, 580, 707.

145. 44°·84, obscured by réseau.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
181-240					
181					
...	−28′491	+23′773	− 5	° M	...
...	28·309	+45·816	− 5	M	...
...	28·249	+35·526	− 5	M	...
...	28·102	− 0·051	− 1	a	...
...	28·017	+ 5·495	− 3	...	...
...	−28·014	−11·363	− 3	...	...
...	28·009	+28·843	− 3	...	...
*	27·702	+13·427	1·00	42.6469	10·0
...	27·579	−37·976	− 3	A	...
...	27·341	−15·175	− 4	M	...
191					
*	−27·064	+29·212	1·70	42.6470	8·8
...	27·016	+ 5·450	− 4	...	...
...	26·796	−32·694	− 5	M	...
...	26·724	−35·429	− 4	B	...
...	26·712	−43·845	− 4	...	...
...	−26·702	−54·318	0·70	...	...
*	26·701	+21·650	1·00	42.6471	10·0
...	26·435	+52·659	− 5	M	...
...	26·400	−46·858	− 5	M	...
...	26·281	+46·671	0·85	...	...
201					
...	−26·060	−27·743	− 5	M	...
...	25·941	−46·998	− 5	M	...
*	25·871	−38·855	1·00	...	...
...	25·570	+17·834	− 5	M	...
†	25·289	+42·940	− 5	...	...
...	−24·883	+36·911	− 4	...	...
S *	24·673	+46·967	2·20	42.6472	8·1
...	24·629	+38·033	− 5	M	...
...	24·628	−51·515	− 5	M	...
...	24·597	+ 3·614	− 5	M	...
211					
...	−24·586	−44·813	− 4	B	...
...	24·352	−26·252	− 3	...	...
...	24·263	+34·554	0·90	...	...
*	24·058	+19·505	1·00	42.6473	10·0
...	23·849	+31·147	− 3	...	...
...	−23·684	−47·574	− 3	...	...
...	23·649	−49·232	0·65	...	...
...	23·597	+ 5·246	− 4	...	...
*	23·525	−53·925	1·10	43.6352	9·9
*	23·375	+ 3·149	1·20	42.6474	9·2
221					
*	−23·098	+30·229	1·00	42.6476	10·2
*	23·081	+28·244	1·00	42.6475	10·0
...	22·763	−52·593	− 5	M	...
...	22·648	−11·272	0·70	...	...
...	22·178	−47·604	− 5	M	...
†	−22·153	+44·803	0·90	...	...
...	22·120	+ 8·234	− 4	...	...
...	21·900	−20·414	− 1	...	...
...	21·620	+14·916	− 5	...	...
...	21·536	−10·409	0·70	...	...
231					
*	−21·423	−37·721	1·00	...	...
...	21·421	+33·321	− 5	M	...
...	21·316	+31·986	− 1	...	...
...	21·078	+ 2·281	− 5	M	...
...	20·894	+40·096	− 4	A	...
...	−20·654	+17·679	0·85	42.6477	10·2
*	20·501	−49·596	1·00	...	...
...	20·254	+50·460	− 4	...	...
*	20·052	+48·003	1·05	42.6478	9·8
...	19·828	−45·567	− 4	M	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 3.	C.P.D. No.	C.P.D. Mag.
241-300					
241					
...	−19′635	+13′834	− 5	° M	...
...	19·542	−24·737	− 5	M	...
...	19·494	+21·395	− 2	...	...
*	19·430	+33·285	1·10	42.6479	9·6
...	19·339	−46·328	− 4	...	...
...	−19·037	−12·528	0·65	...	...
...	18·936	+37·593	− 5	...	...
...	18·921	+18·468	− 4	...	...
*	18·680	+30·047	1·00	42.6480	9·8
...	18·589	+16·234	− 5	..	...
251					
...	−18·497	−44·777	− 2	...	...
*	18·369	−20·429	1·00	...	...
*	18·343	−17·916	1·05	43.6353	10·0
S *	18·272	−13·013	2·20	43.6354	8·6
...	18·195	− 3·640	− 5	M	...
...	−18·162	+21·173	− 5	...	...
*	18·090	+43·929	1·25	42.6481	9·0
...	18·026	+ 1·372	− 5	M	...
*	18·012	−47·977	1·40	43.6355	9·0
...	17·831	+26·567	− 5	M	...
261					
...	−17·533	+12·860	0·65	...	...
...	17·526	+25·026	− 5	...	...
*	17·426	+10·365	1·10	42.6482	9·4
...	17·409	+31·343	− 5	...	...
...	17·317	−12·574	0·90	...	...
...	−17·285	−19·793	0·75	...	...
...	16·719	+57·626	− 5	...	...
...	16·603	−24·659	− 5	M	...
...	16·556	+17·855	− 1	...	...
...	16·415	+ 4·337	− 5	...	...
271					
...	−16·241	−13·847	− 5	M	...
...	16·000	+26·315	− 3	...	...
...	15·718	−28·971	− 5	M	...
*	15·638	+56·217	1·10	41.6579	9·8
...	14·880	+47·846	− 5	...	...
...	−14·607	−35·180	− 5	M	...
...	14·136	+54·640	− 3	...	...
...	14·077	+48·935	− 4	...	...
*	13·974	−12·998	1·00	43.6357	10·0
*	13·537	−39·540	1·05	43.6358	10·0
281					
S *	−13·232	+ 9·500	1·35	42.6483	9·0
...	13·035	+42·865	− 5	M	...
...	12·976	−46·818	− 4	M	...
...	12·920	−44·096	− 4	...	...
...	12·490	+35·966	− 4	...	...
...	−12·374	+21·705	0·80	...	...
...	12·260	+20·074	− 5	M	...
...	11·992	−11·925	− 5	M	...
...	11·905	− 0·587	− 5	M	...
*	11·687	−53·748	1·05	43.6359	10·0
291					
...	−11·525	−35·981	− 4	M	...
...	11·174	−14·643	− 5	M	...
...	11·101	− 9·243	0·85	...	...
...	11·082	+ 8·741	− 4	...	...
*	10·573	+57·951	1·20	41.6586	9·6
†	−10·345	+19·396	0·70	42.6484	10·2
‡	10·213	−44·177	2·00	43.6360	8·7
...	9·925	+37·527	− 5	M	...
*	9·910	+ 7·283	1·30	42.6485	9·2
...	9·881	+19·951	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
301-360					
301					
...	− 9′642	−37′018	− 5	° M	...
*	9·509	−25·186	1·00	43.6361	10·0
...	9·491	−37·259	− 5	M	...
...	9·160	+47·376	− 1	...	...
...	9·149	+21·417	− 2	...	...
...	− 8·916	−37·667	− 5	M	...
...	8·675	+37·432	− 2	...	...
...	8·498	+35·493	− 4	..	...
*	8·434	+22·945	1·00	42.6486	9·7
*	8·349	+22·974	1·00		
311					
...	− 8·123	+17·209	− 5	...	...
*	8·014	−36·265	1·00	...	...
...	7·848	+ 7·651	− 5	...	...
...	7·609	−39·160	− 5	M	...
*	7·526	−13·191	1·00	43.6362	9·9
...	− 7·160	+42·505	− 4	...	...
...	6·870	+22·669	− 5	...	...
*	6·654	+13·748	1·20	42.6487	9·5
...	6·420	+56·166	− 5	...	...
...	6·412	−20·374	− 3	...	...
321					
...	− 6·352	−46·663	− 4	M	...
...	6·048	+49·276	0·65	...	...
...	5·933	−25·263	− 5	M	...
...	5·862	−30·396	− 5	M	...
*	5·766	−50·170	1·35	43.6364	9·2
*	− 5·746	−42·319	1·15	43.6363	9·6
...	5·696	+ 5·267	− 5	M	...
...	5·669	−26·299	− 5	M	...
...	5·630	−50·931	0·90	...	...
†	5·192	−17·428	− 5	M	...
331					
...	− 5·158	−18·352	− 5	M *m*	...
...	4·796	−48·361	− 3	M	...
...	4·702	−23·323	− 5	M *m*	...
...	4·664	+18·544	− 3	*m*	...
...	4·536	− 5·202	− 3	M	...
...	− 4·359	+22·964	− 1	*h*	...
...	4·347	−50·882	0·80	...	...
...	4·290	−46·871	− 4	...	...
...	4·263	−20·995	0·90	...	...
...	4·117	− 9·633	− 5	M *m*	...
341					
*	− 4·079	+27·186	1·10	42.6488	9·8
...	3·959	−46·177	− 2	...	...
*	3·929	−50·274	1·00	...	...
...	3·647	+54·367	− 4	*m*	...
...	3·441	+31·557	− 5	*m*	...
...	− 3·314	−30·997	− 5	M	...
...	3·307	−19·699	− 4	M	...
*	3·221	+52·186	1·00	...	...
*	3·010	−58·877	1·00	...	...
...	2·999	+53·721	− 5	*m*	...
351					
...	− 2·973	− 8·347	− 3	M	...
...	2·899	+13·036	− 5	M *m*	...
...	2·756	−52·409	− 4	M	...
...	2·648	+17·883	− 3	*m*	...
...	2·594	+53·241	− 5	M *m*	...
*	− 2·585	+10·171	1·00	42.6489	9·8
*	2·561	−32·638	1·15	43.6366	9·7
...	2·529	−37·857	− 4	M *m*	...
*	2·450	−45·128	1·00	43.6365	10·0
*	2·430	−20·283	1·10	43.6367	9·8

Notes.	Co-ordinates. x.	y.	Diam. − 3.	C.P.D. No.	Mag.
361–420					
361				°	
...	− 2′363	+50′154	− 5	*m*	...
...	1·808	− 2·995	− 2	M	...
...	1·776	+ 1·094	− 5	M *m*	...
...	1·679	−57·195	− 3	...	...
...	1·307	−17·985	− 5	M *m*	...
...	− 1·166	+15·938	− 5	M *m*	...
...	1·036	−52·388	0·75	...	...
...	0·931	−19·081	− 5	M *m*	...
..	0·832	−31·077	− 5	M	...
...	0·758	+ 8·804	− 2	*m*	...
371					
...	− 0·511	−39·414	− 5	M	...
S ‡	0·309	−42·721	3·50	43.6368	7·3
†	0·297	+29·873	0·70	42.6490	10·2
...	− 0·025	−55·214	0·85	...	...
...	+ 0·250	+25·093	− 3	M	...
*	+ 0·569	+14·128	1·00	42.6491	10·2
...	0·745	− 0·947	− 5	M *m*	...
*	0·758	+ 4·616	1·00	42.6492	10·2
...	0·768	+46·326	0·75	...	...
...	0·836	−25·458	− 4	M *m*	...
381					
...	+ 0·928	+17·504	− 4	*m*	...
...	0·991	+35·111	0·80	...	..
*	1·007	− 2·674	1·00	...	...
...	1·033	+32·566	0·80	42.6493	10·2
...	1·284	+29·027	− 4	*m*	...
...	+ 1·482	+22·601	− 4	*m*	...
...	1·489	−14·509	− 3	...	...
*	1·627	−40·975	1·00	43.6369	10·0
...	1·984	+27·577	− 5	M *m*	...
*	2·409	+41·008	1·00	42.6494	9·9
391					
...	+ 2·441	−56·641	− 5	M	...
*	2·474	−51·131	1·20	43.6370	9·4
...	2·487	+49·350	0·65	42.6495	10·0
...	2·602	+49·351	− 2		
.	2·822	+10·846	1·00	42.6496	10·2
...	+ 2·899	+41·944	− 5	*m*	...
..	2·901	+ 2·225	− 5	*m*	...
...	2·901	−27·135	− 3	...	...
...	3·049	−48·034	0·90	...	...
*	3·235	−43·158	1·00	43.6371	10·0
401					
*	+ 3·350	+26·780	1·00	42.6497	10·0
*	3·499	+33·518	1·00	42.6498	10·0
...	3·517	+17·426	− 4	*m*	...
*	3·773	− 8·892	1·20	43.6372	9·6
*	4·186	−19·048	1·00	43.6373	10·0
*	+ 4·351	−14·374	1·10	43.6374	9·9
...	4·352	+36·045	− 4	*m*	...
*	4·461	+56·297	1·00	41.6595	9·9
*	4·625	−31·356	1·10	43.6375	9·7
...	4·882	+27·011	− 5	*m*	...
411					
...	+ 4·918	+57·809	− 4	...	...
...	5·045	−59·306	− 3	M	...
...	5·110	−48·410	0·75	...	...
...	5·309	− 4·442	− 3	...	...
...	5·352	−24·409	− 4	...	...
...	+ 5·669	+42·095	− 3	...	...
...	5·751	−26·658	− 5	...	...
...	5·818	−29·565	− 4	...	...
...	5·839	+42·178	− 5	*m*	...
*	5·851	+56·343	1·20	41.6596	9·7
421–480					
421				°	
*	+ 6′060	−27′538	1·00	...	...
...	6·299	−37·104	0·80	...	...
...	6·308	−10·128	− 5	*m*	...
...	6·328	+21·914	− 1	...	...
...	6·413	+42·099	− 5	*m*	...
*	+ 6·838	+51·435	1·00	42.6499	9·8
...	6·875	−17·618	− 5	...	...
...	7·041	−49·157	− 4	...	...
...	7·200	+40·210	− 2	...	...
...	7·358	+56·084	− 4	...	...
431					
...	+ 7·422	−58·900	− 5	...	...
...	7·535	−38·968	− 5	...	...
...	8·175	−36·852	− 5	...	...
...	8·239	+25·911	− 5	*m*	...
...	8·370	−26·449	0·90	...	...
...	+ 8·446	+49·654	− 4	*m*	...
...	8·503	+50·707	− 3	...	...
...	8·506	−34·369	− 2	...	...
...	8·654	+40·145	− 5	*m*	...
...	8·669	+28·790	− 2	...	...
441					
...	+ 8·733	−59·340	− 3	...	...
*	8·946	+ 4·196	1·30	42.6500	8·8
...	9·102	−17·524	− 5	...	...
...	9·255	+32·708	− 2	*b*	...
...	9·297	+45·999	− 5	*m*	...
...	+ 9·324	+36·650	− 1	...	...
...	9·471	−42·539	− 5	...	...
...	9·952	+40·756	− 5	*m*	...
*	10·021	+ 1·023	1·05	42.6501	9·8
...	10·261	+16·045	− 2	*b*	...
451					
...	+10·284	+40·539	− 3	*a*	...
...	10·286	−26·254	− 5	...	...
...	10·581	+16·319	− 4	*b*	...
...	11·086	+10·195	− 2	*b*	...
*	11·254	−21·406	1·00	43.6376	10·0
*	+11·659	+29·567	1·00	...	...
*	11·934	+18·071	1·00	42.6502	10·2
‡	11·935	−54·961	1·00	43.6377	10·0
...	12·034	−43·900	− 2	...	...
...	12·180	+25·135	− 1	...	...
461					
...	+12·220	−26·741	− 2	...	...
*	12·238	+40·295	1·00	42.6503	9·8
...	12·259	−20·460	− 5	*m*	...
...	12·322	+42·488	0·80	...	...
...	12·350	+26·131	− 3	*a*	...
...	+12·598	+25·439	− 4	*b*	...
*	12·666	+35·393	1·00	..	...
*	12·880	+39·975	1·10	42.6504	9·7
...	12·893	−51·240	− 5	...	...
...	12·940	+46·854	− 3	*b*	...
471					
...	+13·031	+ 9·121	− 1	*b*	...
...	13·113	−48·903	− 5	*m*	...
...	13·165	−24·541	− 5	*m*	...
*	13·574	+27·041	1·30	42.6505	9·2
*	13·756	−59·088	1·00	...	...
...	+13·800	+57·212	− 3	...	...
...	13·925	+36·087	− 5	*m*	...
...	14·033	+52·123	− 5	*m*	...
*	14·095	−39·450	1·00	43.6379	10·0
...	14·112	+33·260	0·65	...	...
481–540					
481				°	
...	+14′212	−11′764	− 1	...	...
...	14·258	−12·910	− 1	...	...
...	14·599	−38·990	0·70	...	...
‡	14·610	−11·821	1·00	...	...
‡	14·631	−17·307	1·00	...	...
‡	+14·708	−26·161	1·00	43.6381	9·8
...	14·746	+23·859	− 3	*b*	...
*	14·976	−50·343	1·05	43.6382	10·0
...	15·248	+42·819	− 4	*m*	...
...	15·299	+52·920	− 4	...	...
491					
...	+15·502	+34·083	− 1	...	...
...	15·595	−36·106	− 5	...	...
*	15·614	−40·423	1·00	43.6383	10·0
...	15·672	−30·943	− 5	...	...
...	15·905	+37·800	− 5	*m*	...
*	+16·017	+14·716	1·00	42.6506	10·2
...	16·033	−34·864	− 3	...	...
...	16·470	−13·039	0·65	...	...
S *	16·489	+47·370	1·28	42.6507	9·2
*	16·842	−32·047	1·05	43.6384	9·9
501					
...	+17·005	−21·208	− 5	...	...
*	17·108	+ 1·484	1·00	...	...
...	17·116	+ 5·554	− 3	*b*	...
*	17·223	+59·678	1·05	41.6610	9·8
...	17·528	+37·330	0·70	...	...
...	+17·591	+29·246	− 1	...	...
*	17·952	−14·761	1·10	43.6385	9·6
...	18·316	−41·279	− 4	...	...
...	18·347	+36·578	− 5	*m*	...
...	18·462	+44·262	− 3	...	...
511					
...	+18·874	−24·436	0·65	...	...
...	19·023	+ 0·347	− 5	*m*	...
...	19·025	+22·371	− 3	...	...
...	19·142	+25·537	− 5	*m*	...
...	19·317	+28·099	− 3	*b*	...
*	+19·357	−42·518	1·20	43.6386	9·5
...	19·365	−26·012	− 5	*m*	...
...	19·409	+43·859	− 5	*m*	...
...	19·421	−57·337	− 2	...	...
...	19·544	− 6·252	0·70	...	...
521					
...	+19·929	−35·637	− 4	...	...
...	19·930	−49·426	− 5	*m*	...
...	20·030	+47·783	− 4	*m*	...
...	20·066	+ 4·860	0·70	...	...
...	20·154	− 6·955	− 5	*m*	...
...	+20·369	− 8·500	− 4	...	...
...	20·632	−13·551	− 5	...	...
...	21·558	+ 6·024	0·80	...	...
...	21·566	+24·324	− 5	*m*	...
...	21·711	− 6·888	− 2	...	...
531					
...	+21·794	+18·778	− 5	*m*	...
...	21·894	+14·636	− 3	*b*	...
...	21·916	−24·459	− 3	...	...
...	22·077	−17·967	0·65	...	...
...	22·201	− 0·855	− 2	...	...
...	+22·301	+19·060	0·80	...	...
*	22·327	−49·062	1·10	43.6387	9·7
...	22·353	−51·872	0·80	...	...
*	23·046	−11·546	1·20	43.6388	9·4
...	23·297	+20·569	− 5	*m*	...

541–600

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
541				°	
...	+23·378	−40·647	−4	...	...
...	23·406	−22·734	−3	...	...
...	23·543	+ 5·060	−4	*m*	...
...	23·672	+52·452	−5	*m*	...
...	23·952	+41·800	−5	*m*	...
...	+23·962	−40·105	−2	...	...
...	24·004	+37·511	−4	*m*	...
*	24·156	+17·681	1·10	42.6508	9·8
...	24·156	−23·202	−4	...	...
...	24·204	− 3·409	−4	...	...
551					
...	+24·283	+30·919	−3	...	...
...	24·842	−13·802	−3	...	...
...	25·069	− 6·510	−5	...	...
*	25·308	+36·209	1·00	42.6509	10·0
...	25·405	− 3·037	−2	...	...
*	+25·871	+18·596	1·50	42.6510	8·5
...	25·909	−29·729	−5	...	...
...	26·205	+28·149	−4	*m*	...
...	26·403	+22·142	0·90	...	...
*	26·481	+35·220	1·10	42.6511	9·8
561					
...	+26·666	+26·018	−5	*m*	...
...	26·784	+ 6·095	0·65	...	...
...	26·805	+ 7·171	−3	*b*	...
...	26·854	+23·824	−4	*m*	...
...	26·958	+ 8·942	−5	*m*	...
...	+26·978	+44·985	0·85	...	...
*	27·134	+ 9·232	1·00	42.6512	10·2
...	27·570	−20·733	−4	...	...
...	27·612	+ 4·457	−3	*b*	...
...	27·681	−12·146	0·80	...	...
571					
...	+28·202	+ 5·694	0·90	42.6513	10·2
‡	28·680	−20·001	1·00	43.6389	9·6
...	28·737	+45·033	−5	*m*	...
...	28·741	+58·634	−5	...	...
S *	28·779	−17·168	1·75	43.6390	8·8
...	+28·824	−49·274	−4	...	...
...	28·832	+30·261	−5	*m*	...
...	29·029	−37·372	−4	...	...
...	29·180	−30·940	−5	...	...
*	29·685	+59·477	1·00	41.6618	10·2
581					
*	+29·974	+29·061	1·80	42.6514	8·4
...	30·265	−43·267	0·90	...	...
...	30·379	−10·967	0·65	...	...
...	30·548	−28·965	−5	...	...
...	30·590	− 7·263	−3	...	...
...	+30·625	−23·823	−3	...	...
*	30·834	−14·087	1·00	...	...
*	30·883	+27·846	1·00	42.6515	9·8
...	30·901	+29·507	−5	*m*	...
...	30·999	−33·499	0·70	...	...
591					
...	+31·058	−56·003	−5	...	...
...	31·194	− 8·440	−5	*m*	...
*	31·215	− 3·286	1·15	42.6516	9·5
*	31·433	−23·518	1·20	43.6391	9·4
..	31·438	−50·444	−5	*m*	...
...	+31·468	−32·948	0·90	...	...
...	31·483	−21·357	−5	...	...
...	31·558	+17·744	−5	*m*	...
...	31·768	+29·200	−5	...	...
...	31·773	− 4·726	−3	...	...

601–660

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
601				°	
...	+32·076	−21·438	−4	...	...
*	32·085	+ 4·552	1·50	42.6519	8·8
...	32·091	− 4·766	−4	...	...
*	32·103	+32·248	1·10	42.6517	9·8
...	32·108	−43·888	−5	...	...
...	+32·244	−19·778	−1	...	...
*	32·312	+48·374	1·40	42.6518	8·8
...	32·355	−16·335	−2	...	...
...	32·356	−37·095	−5	...	...
...	32·381	−41·972	−5	*m*	...
611					
...	+32·414	+33·665	−5	*m*	...
...	32·596	−38·302	−2	...	...
...	32·605	−36·198	−5	...	...
...	33·122	−36·173	−5	...	...
...	33·184	−28·809	0·65	...	...
...	+33·264	+33·065	−5	*m*	...
...	33·423	−21·182	−5	...	...
*	34·203	+ 1·524	1·00	42.6520	10·2
...	34·298	−54·287	−1	...	...
*	34·713	+41·529	1·30	42.6521	9·2
621					
†	+34·776	−53·564	−1	...	...
...	35·138	+32·018	−5	*m*	...
...	35·139	−36·368	−5	...	...
...	35·193	+12·065	−4	*m*	...
...	35·371	−12·995	−5	...	...
...	+35·758	−38·242	−5	*m*	...
...	35·870	+49·426	−4	*m*	...
...	35·929	−58·566	0·75	43.6392	9·2
*	35·969	−58·456	1·30		
†	35·948	− 0·057	0·80	*a*	...
631					
...	+36·092	−35·918	−5	*m*	...
...	36·152	−56·839	−5	...	...
...	36·312	+15·668	−5	*m*	...
...	36·378	+17·551	0·80	...	...
...	36·613	−15·088	−3	...	...
...	+36·783	+ 9·715	−1	*b*	...
...	37·002	+47·238	−4	*m*	...
■	37·243	+58·504	1·15	41.6624	10·0
...	37·393	+ 0·615	0·65	...	...
...	37·395	−37·359	−5	*m*	...
641					
...	+37·401	+ 4·070	−4	*m*	...
*	37·558	+26·308	1·05	42.6522	9·8
...	37·725	−14·393	−5	...	...
*	37·943	+ 7·227	1·00	...	...
...	38·070	+23·261	−2	...	...
*	+38·125	−16·884	1·00	...	...
...	38·622	+56·474	−4	...	...
...	38·727	−13·594	−5	...	...
...	39·244	−18·078	−4	...	...
...	39·383	−42·457	−5	...	...
651					
...	+39·460	−35·922	−5	*m*	...
†	39·696	−14·882	1·10	43.6393	9·4
...	40·080	+ 5·642	0·90	...	...
...	40·149	+25·183	0·65	...	..
*	40·220	−52·313	1·00	43.6395	10·0
...	+40·262	+18·267	−4	*m*	...
*	40·277	−10·299	1·10	43.6394	9·9
...	40·348	−11·947	0·90	...	...
*	40·387	−45·056	1·10	43.6396	9·7
...	40·706	−12·304	−3	...	...

661–720

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
661				°	
...	+41·079	+18·675	−5	*m*	...
...	41·103	−14·542	−4	...	...
...	41·488	+57·963	−5	...	...
...	41·987	+39·172	−4	...	...
...	41·995	+ 5·858	−5	*m*	...
...	+42·602	−30·376	0·90	...	...
...	42·735	+22·147	0·80	...	...
...	43·006	−18·549	0·80	...	...
...	43·099	+40·105	−1	...	...
...	43·135	−14·447	−1	...	...
671					
...	+43·541	+24·809	−4	*m*	...
...	44·333	− 6·938	0·80	...	...
...	44·811	−48·891	−5	...	...
...	44·851	−20·811	−5	...	...
...	44·890	+ 7·450	−5	*m*	...
...	+45·218	−50·521	−5	...	...
...	45·242	−35·709	−5	...	...
...	45·260	−47·763	−4	...	...
...	45·351	−16·808	−4	...	...
...	45·411	− 3·123	−5	...	...
681					
...	+45·416	−23·589	−5	...	...
*	45·492	+36·891	1·70	42.6523	8·6
...	45·769	−25·020	0·70	...	...
...	45·873	+12·764	−3	*a*	...
...	45·992	+32·570	−5	*m*	...
...	+46·171	−31·516	−4	...	...
...	46·288	+59·243	−5	...	...
...	46·451	−57·603	−5	...	...
*	46·671	+50·504	1·10	42.6524	9·6
S *	46·671	+ 5·313	1·70	42.6526	8·4
691					
*	+46·685	+37·861	1·90	42.6525	8·8
...	46·853	+ 8·378	0·90	...	...
...	47·033	+37·407	0·65	...	...
*	47·473	+16·842	1·00	42.6527	10·2
*	47·714	+ 0·966	1·10	42.6528	9·6
...	+47·754	− 9·141	−5	...	...
...	47·881	−24·529	−5	...	...
*	47·904	−21·705	1·00	43.6397	10·0
...	47·927	+25·131	−5	...	...
*	47·950	−29·414	1·05	43.6398	10·0
701					
...	+48·020	−57·039	−4	...	...
*	48·160	+36·253	1·00	42.6529	10·2
*	48·567	+40·468	1·40	42.6530	9·0
...	48·826	−32·696	−5	...	...
...	48·973	− 3·565	−3	...	...
...	+49·010	+49·589	−3	...	...
...	49·149	−18·739	−5	...	...
*	50·455	−18·516	1·15	43.6399	9·6
*	50·845	−46·886	1·20	43.6400	9·6
...	50·864	− 1·981	−3	...	...
711					
...	+50·911	−18·246	−5	*m*	...
..	51·280	+ 6·663	−4	*e*	...
...	51·430	+48·422	−3	...	...
*	51·686	−37·635	1·30	43.6401	9·4
...	51·715	+ 2·564	−1	...	...
*	+52·398	− 3·557	1·30	42.6531	9·2
...	52·445	−10·180	−4	...	...
...	52·649	+ 9·145	−5	*m*	...
...	52·683	−18·406	−5	*m*	...
...	52·697	−18·167	0·65	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
721-740					
721					
...	+52·890	−27·254	− 3	...	...
...	52·892	+34·281	− 4	*m*	...
...	53·100	+ 2·820	− 5	*m*	...
*	53·196	−40·953	1·00	43.6402	10·0
...	53·464	−34·504	− 3	...	...
..	+53·721	− 3·220	− 5	*m*	...
...	53·895	−50·270	− 5	...	...
...	54·308	−48·796	− 5	...	...
...	54·375	+33·110	− 5	*e*	...
...	54·508	+53·284	− 5	...	...
731					
*	+54·590	+41·945	1·15	42.6532	9·9
...	54·987	− 4·475	− 2	...	...
*	55·135	−35·611	1·25	43.6403	9·5
S *	55·226	+22·837	3·25	42.6533	7·1
*	55·244	− 1·902	1·00	...	...
...	+55·581	−28·863	− 3	...	...
...	55·670	+57·872	− 3	...	...
...	55·679	−17·380	− 5	...	...
...	55·799	+28·311	0·75	...	...
...	56·063	+38·369	− 3	...	...
741-757					
741					
...	+56·143	−40·918	0·80	...	...
*	56·176	+ 5·257	1·20	42.6534	9·7
...	56·340	− 9·382	0·80	...	...
...	57·068	+25·585	− 5	*e*	...
...	57·242	−26·923	− 5	*m*	...
...	+57·285	+33·605	− 5	*m*	...
...	57·429	+ 1·962	− 4	*e*	...
...	57·615	−41·539	− 5	...	...
...	57·799	−36·911	− 4	...	...
...	57·810	+11·004	− 5	*m*	...
751					
...	+57·962	+ 8·202	− 1	...	...
...	58·347	−19·682	− 5	*m*	...
...	58·551	− 0·887	0·70	...	...
*	59·045	+ 3·941	1·00	...	...
*	59·319	+13·041	1·00	42.6536	10·0
†	+59·367	+43·297	− 1	42.6535	10·2
...	59·393	− 5·575	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

1-30					
1					
...	−59·739	+48·316	− 5	...	...
...	58·813	− 2·096	− 5	...	...
*	58·692	−18·647	1·10	43.6399	9·6
...	58·636	+ 6·547	− 5	E	...
...	58·091	+ 2·475	− 3	...	...
*	−57·462	−46·992	1·15	43.6400	9·6
*	57·213	− 3·633	1·20	42.6531	9·2
*	56·888	−37·716	1·20	43.6401	9·4
...	56·808	+53·259	− 5	...	...
...	56·472	−18·227	− 2	...	...
11					
*	−56·384	+41·922	1·00	42.6532	9·9
...	56·314	+33·080	− 5	E	...
...	56·017	−27·307	− 5	...	...
...	55·782	+57·876	− 5	...	...
...	55·303	−40·984	0·75	43.6402	10·0
S ‡	−55·174	+22·842	3·30	42.6533	7·1
...	54·756	+28·333	− 2	...	...
...	54·594	− 4·469	− 5	...	...
*	54·421	− 1·889	1·00	...	...
*	53·689	+ 5·292	1·10	42.6534	9·7
21					
...	−53·532	−17·358	− 5	...	...
*	53·521	−35·593	1·30	43.6403	9·5
...	53·415	+25·627	− 5	E	...
...	53·281	−28·844	− 5	...	...
...	53·103	− 9·334	0·80	...	...
...	−52·358	+ 2·035	− 5	E	...
...	52·343	−40·859	− 1	...	...
...	51·998	+ 8·298	− 3	...	...
...	51·633	+43·417	0·80	42.6535	10·2
...	51·147	− 0·772	− 2	...	...
31-60					
31					
...	−50·805	−36·801	− 5	...	...
...	50·797	+ 4·066	0·80	...	...
*	50·780	+13·174	1·00	42.6536	10·0
*	50·442	+26·003	1·30	42.6538	9·2
*	50·193	+ 0·598	1·30	42.6537	9·0
...	−50·187	− 5·422	− 5	...	...
*	49·928	+55·171	1·40	41.6635	8·8
...	49·500	+19·200	− 4	...	...
*	48·059	−59·697	1·45	43.6404	9·1
...	47·782	+ 6·978	− 5	M	...
41					
‡	−47·779	−59·922	1·30	43.6405	9·4
...	47·645	+35·003	− 5	...	...
...	47·564	−53·856	− 5	...	...
...	47·450	−52·368	− 5	...	...
*	47·401	−35·372	1·10	43.6406	9·7
...	−46·986	−18·450	− 3	...	...
...	46·789	+32·217	− 5	...	...
...	46·685	+47·497	− 5	...	...
‡	46·382	−20·082	1·10	43.6408	9·2
*	46·236	−20·519	1·20	43.6409	9·2
51					
*	−46·202	− 3·539	1·00	42.6539	10·0
*	46·152	+55·400	1·25	41.6637	9·4
...	46·098	−57·865	0·90	43.6407	9·9
†	45·812	−40·011	− 5	...	...
...	45·204	+56·258	0·80	41.6639	9·8
...	−45·188	− 6·268	0·90	...	...
*	44·487	− 7·219	1·00	42.6540	10·2
...	44·227	+10·436	− 3	...	...
...	44·025	−39·442	− 5	...	...
...	43·652	+31·491	0·75	...	...
61-90					
61					
*	−43·610	+ 8·806	1·10	42.6541	10·0
*	43·594	−59·405	1·00	43.6410	10·0
...	43·016	+12·124	− 5	M	...
...	42·968	−30·820	− 5	...	...
...	42·886	−39·078	− 5	...	...
...	−42·480	− 8·887	− 3	...	...
...	42·308	+35·372	− 3	...	...
...	42·178	+ 5·777	− 4	M	...
...	41·943	−19·757	− 5	...	...
...	41·756	−35·966	− 4	...	...
71					
...	−41·548	+56·482	− 4	...	...
...	41·548	−47·167	− 5	...	...
...	40·915	+20·191	− 5	M	...
...	40·878	+34·058	− 5	...	...
*	40·640	−28·180	1·40	43.6411	8·9
...	−40·585	−27·431	− 5	...	...
*	40·520	−34·599	1·05	43.6412	10·0
*	39·973	+13·495	1·05	42.6542	9·8
...	39·972	−18·025	− 5	...	...
...	39·891	−59·404	− 5	...	...
81					
...	−39·861	+49·541	− 4	...	...
...	39·070	−26·289	− 4	...	...
*	39·009	+24·553	1·00	42.6543	10·0
...	38·994	+30·351	− 4	...	...
*	38·801	+49·062	1·00	42.6544	9·7
*	−38·787	−33·047	1·05	43.6413	9·9
...	38·661	−54·358	− 5	...	...
*	37·760	−14·005	1·05	43.6414	9·8
...	37·759	−23·944	− 4	...	...
...	37·652	+30·962	− 4	A	...

S measured from 1, 191, 400.
SB .. .. 78, 288, 496.

91–150

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
91					
...	−36·890	+46·229	− 5	M	...
S *	36·557	+ 2·670	1·87	42.6545	8·2
...	36·255	+ 7·979	− 4	A	...
S *	36·027	−31·191	2·25	43.6416	8·1
*	35·968	−47·774	1·00	43.6415	10·0
...	−35·912	− 7·631	− 4	..	...
...	35·902	+31·763	− 4	...	...
...	35·871	− 9·392	− 4	...	...
...	35·759	− 8·113	− 5	...	...
..	35·601	−22·058	− 3	...	...
101					
α *	−35·487	+ 0·006	1·00	42.6546	10·2
*	35·361	−27·713	1·20	43.6419	9·6
*	35·326	−46·982	1·25	43.6417	9·5
...	35·274	−38·386	− 4	...	..
*	35·241	−50·215	1·05	43.6418	9·9
*	−35·230	+32·321	1·00	42.6547	10·2
...	34·768	−39·187	− 5	...	..
...	34·734	+34·087	− 5	M	...
...	34·619	−27·192	− 4	A	...
*	34·327	−43·134	1·10	43.6420	9·7
111					
...	−34·242	−25·264	− 5	...	...
*	33·690	+28·893	1·25	42.6551	9·0
..	33·685	−14·578	− 3	...	...
...	33·682	+ 5·983	− 5	M	...
*	33·617	+ 1·343	1·00	42.6548	10·0
*	−33·590	+10·454	1·00	42.6549	10·2
*	33·554	+25·017	1·00	42.6550	10·2
*	33·464	+42·598	1·00	42.6552	10·2
...	32·520	+41·694	− 5	M	...
...	32·088	+ 4·237	0·65	...	...
121					
...	−32·072	+18·418	− 1	...	...
...	31·634	−12·534	0·70	...	...
*	30·938	−13·065	1·15	43.6421	9·8
...	30·350	+ 6·145	− 5	M	...
...	30·258	−38·603	0·80	...	...
†	−30·176	+25·284	0·80	42.6553	10·2
..	29·994	−33·748	− 5	...	...
...	29·915	−21·290	− 5	...	...
...	29·701	+41·797	− 3	...	...
†	28·808	+ 9·885	− 4	...	...
131					
...	−28·536	−22·756	0·65	...	...
...	28·308	+23·142	− 2	...	...
*	28·019	+42·013	1·30	42.6554	9·4
...	27·826	−44·484	− 4	...	...
*	27·583	−56·809	1·10	43.6422	10·0
...	−27·372	+12·383	− 5	M	...
*	27·151	+52·514	2·20	42.6555	8·0
...	27·078	+26·836	− 1	...	...
...	26·783	+ 1·365	− 4	M	...
...	26·695	−27·492	− 4	...	...
141					
...	−26·657	+31·619	− 4	B	...
...	26·466	+ 1·204	− 5	M	...
...	26·380	−13·837	− 5	...	...
...	26·351	+ 6·316	− 4	M	...
...	26·200	−42·432	− 5	...	...
...	−26·155	−45·093	− 5	A	...
...	26·072	+ 8·957	− 3	B	...
*	26·023	+24·194	1·00	42.6556	10·2
...	25·989	+55·292	− 5	...	...
...	25·929	+ 1·095	0·65	...	...

151–210

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
151					
*	−25·872	+23·833	1·25	42.6558	9·4
...	25·750	−56·491	− 5	..	...
S *	25·745	+ 0·189	3·40	42.6557	6·7
...	25·490	+ 0·576	− 5	M	..
...	25·285	+ 7·491	− 5	M	...
*	−25·254	+47·521	1·10	42.6559	10·6
...	25·219	− 1·730	− 5	M	.
†	25·058	+44·103	− 5	...	
...	24·988	−35·380	− 3	...	.
...	24·823	−31·664	− 5	...	
161					
...	−24·822	− 6·009	0·80	.	...
*	24·438	+51·720	1·00	...	...
...	24·271	−22·079	0·65	...	..
...	24·188	+41·930	− 4	...	..
...	23·883	−45·118	− 5	...	...
*	−23·745	+29·333	1·10	42.6560	10·5
...	23·688	+12·812	− 4	D	...
...	23·487	+ 8·117	− 5	M	...
...	23·109	− 4·606	− 5	M	..
*	22·904	+ 3·091	1·00	...	...
171					
...	−22·707	+19·917	− 4	...	...
...	22·692	−36·775	− 5	.	...
...	22·395	+25·708	− 4	C	...
*	22·313	−35·957	1·00	43.6424	10·0
*	22·246	−28·364	1·00	43.6423	10·0
...	−22·111	−42·411	− 4	...	...
...	22·056	+59·536	− 5	...	...
...	22·032	−35·258	0·65	...	...
...	21·923	−39·289	− 5	..	...
...	21·590	−12·483	− 4	..	...
181					
...	−21·540	−50·905	− 5	...	...
...	21·511	+59·619	− 5	...	...
...	21·168	+49·055	− 4	...	...
...	21·165	+ 7·908	− 3	B	...
*	20·763	+37·328	1·10	42.6561	10·6
...	−20·679	+29·600	− 1	...	..
...	20·576	− 1·411	− 2	...	..
...	20·559	+46·163	− 4	...	...
...	20·504	−21·146	− 4	...	.
†	20·154	−42·021	− 5	...	...
191					
*	−19·564	−10·594	1·00	43.6425	10·0
*	19·029	−48·457	1·00	43.6426	10·0
...	18·791	−57·512	− 5	...	...
*	18·756	− 2·698	1·15	42.6562	10·4
‡	18·206	+24·880	1·10	42.6563	10·0
*	−17·988	−53·565	1·35	43.6427	9·0
...	17·536	−44·716	− 4	...	...
...	17·514	−15·474	− 4	...	...
*	17·453	+ 9·547	1·00	...	...
...	17·250	−24·159	− 4	...	...
201					
...	−17·042	− 8·556	− 4	...	...
...	17·010	−42·831	− 5	...	..
...	16·474	−13·644	− 5	...	...
*	15·795	−42·940	1·20	43.6428	9·4
*	15·415	+ 2·185	1·05	...	...
*	−14·717	+38·106	1·10	42.6565	10·2
*	14·532	+13·161	1·40	42.6564	9·2
S *	14·491	−48·446	2·55	43.6429	7·7
*	14·389	−48·573	1·00		
*	13·596	−31·015	1·10	43.6430	9·8

211–270

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
211					
...	−13·562	+21·957	− 1	...	...
..	13·384	+ 3·820	− 5	M	...
†	13·284	−29·967	− 2	...	...
...	13·231	−43·554	− 5	..	...
†	13·154	−46·018	1·20	43.6431	9·4
*	−12·955	−11·865	1·30	43.6432	9·1
...	12·634	−18·260	− 5	...	..
*	12·440	−48·709	1·00	43.6433	10·0
...	12·135	−20·901	− 4	...	..
*	11·969	+13·334	1·00	...	.
221					
...	−11·262	− 6·036	− 3	...	...
...	11·054	−18·982	0·70	.	..
†	10·360	−49·901	0·85	.	...
†	10·215	−30·328	1·00	43.6434	9·7
...	10·064	+34·446	− 1	...	...
...	− 9·809	−42·250	− 5	...	...
*	9·384	−15·507	1·30	43.6435	9·2
..	9·344	−24·693	− 5	...	..
...	9·061	−18·742	− 5	.	...
...	8·968	−37·368	− 3	...	...
231					
...	− 8·512	−29·745	− 5	...	...
...	8·350	−44·331	− 3	..	...
...	7·896	+50·896	− 5	M	...
...	7·760	+ 4·607	− 1	...	...
...	7·582	+45·303	− 5	M	...
..	− 7·257	+29·569	− 3	...	...
...	7·257	−36·262	− 5	...	...
...	7·061	+57·869	− 2	...	...
*	7·024	−41·538	1·00	43.6436	10·0
...	7·004	+38·543	− 1	..	...
241					
*	− 6·783	−21·188	1·00	43.6437	10·0
...	6·333	− 2·084	− 2	...	...
...	6·314	−46·612	− 5	..	...
...	6·292	+55·210	− 3	...	.
..	6·284	−35·281	0·70	...	...
...	− 6·097	−12·633	− 3	...	...
...	5·815	− 2·316	− 5	M	...
*	5·698	−59·670	1·20	43.6438	9·6
..	5·616	−50·099	− 4	...	..
...	5·565	+10·368	− 5	M	..
251					
...	− 5·028	+37·479	− 4	...	..
*	4·962	−14·848	1·00	...	..
*	4·938	+ 9·174	1·40	42.6566	9·2
...	4·909	+ 9·010	− 3	...	...
...	4·830	+11·015	− 5	M	...
...	− 4·715	+47·873	− 5	M	...
S *	4·581	+32·685	1·20	42.6567	9·2
...	4·375	−23·618	− 2	..	...
*	4·263	+15·240	1·10	42.6568	10·2
*	4·230	−33·390	1·15	43.6440	9·9
261					
...	− 4·009	−33·612	− 5	″	...
...	3·946	−16·921	− 4	...	...
...	3·703	−14·963	− 2	...	...
...	3·588	−56·432	0·90	...	...
...	3·379	+53·400	− 5	M	..
...	− 3·304	−36·900	− 5	M ″	...
..	3·095	+56·141	− 5	...	...
...	3·042	+18·045	− 4	M	...
...	3·018	+32·782	− 4	M	...
...	2·905	+14·638	− 5	M	...

271 330

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
271					
*	− 3°26·3	−38°347	1·10	43.6441	10·0
...	2 14·5	−41·811	0·70	.	...
	2·784	+ 9·994	− 4	M	..
...	2·8[illegible]	[illegible]	− 5		...
	1·8[illegible]	−54·599	− 5	.	...
.	− 1·8[illegible]	+31·187	− 4	M	...
*	1·7[illegible]	[illegible]	1·10	42.6569	10·2
	1·54[illegible]	[illegible]	− 3	M	...
...	1·443	−57·3[illegible]	− 4	..	...
*	1·428	−43·147	1·00	.	...
281					
...	− 1·157	− 6·4[illegible]	− 5	M m	
...	1·154	−54·424	− 3	.	...
..	0·685	−51·443	− 3	..	...
*	0·684	+25·421	1·15	42.6570	10·0
...	0·503	+ 0·819	0·70	..	..
...	− 0·[illegible]	− 5·9[illegible]	− 5	M m	..
	0·521	−26·117	− 5	M m	...
	− 0·[illegible]	+40·666	− 4	..	...
	+ 0·041	+41·718	− 4	...	...
..	0·077	+ 3·479	− 4	M	...
291					
	+ 0·[illegible]	−44·627	1·20	43.6443	9·5
	0·756	−36·867	− 5	m	...
	1·391	−41·364	− 1	...	.
	1·484	−53·250	− 1	..	..
	1·501	−38·245	− 5	..	..
..	+ 1·755	−53·020	− 5	M	.
..	1·[illegible]	−52·780	− 5		.
	1·[illegible]	−12·834	− 1	..	...
	1·881	+ [illegible]	[illegible]	M	...
	1·905	−14·223	− 4	m	
301					
...	+ 1·[illegible]	−23·264	− 3	...	...
	2·245	+38·669	− 5	M	...
	2·[illegible]	+36·142	− 2		...
	2·556	−31·303	− 3	...	.
	2·614	+45·696	− 4		...
	+ 2·690	−[illegible]	− 3		..
	3·[illegible]	−[illegible]	− 3	...	...
...	3·567	−12·622	− 4	...	..
	3·613	−[illegible]	− [illegible]		..
...	3·840	+20·096	− 5	M	...
311					
...	+ 3·[illegible]	+46·903	− 3	...	..
...	3·911	−57·145	0·65		..
	4·185	−57·454	0·75		.
...	4·251	−[illegible]	− 5	...	
S ‡	4·798	−16·64[illegible]	1·25	43.6445	9·0
.	+ 4·[illegible]	+23·296	− 1		...
	5·[illegible]	−[illegible]	− 5		...
	5·512	−[illegible]	− 1		...
*	6·152	−57·707	1·10	43.6446	10·0
	6·[illegible]	[illegible]	− 2	...	
321					
	+ 6·816	−[illegible]	− 5		
	7·[illegible]	+33·117	− 5		...
...	7·[illegible]	+15·208	− 4		..
..	7·[illegible]	−[illegible]	− 5	...	...
	7·912	+47·278	− 2	...	
	+ 7·[illegible]	−[illegible]	− 2	...	...
..	8·[illegible]	−[illegible]	− 3	...	...
	8·501	−[illegible]	− 4	...	.
...	8·625	−36·003	− 5		...
...	8·[illegible]	−[illegible]	− 5	...	...

331-390

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
331					
...	+ 8·[illegible]	−54·812	− 1	.	..
†	9·[illegible]	−20·963	− 4	...	..
...	9·436	+18·779	0·80	...	.
	9·459	+32·621	− 5	...	...
+	9·805	+42·130	1·00	42.6571	10·2
..	+ 1·[illegible]	−30·105	− 2	...	...
...	10·170	−33·814	− 4	...	...
..	10·179	+ 2·232	− 3	...	...
+	10·381	−54·918	1·10	43.6448	10·0
*	10·383	−49·692	1·30	43.6447	9·4
341					
*	+10·433	−36·144	1·00	43.6449	10·2
	10·525	+26·050	− 4	.	...
...	10·731	−34·156	− 5	...	..
	10·745	− 0·724	− 4		...
...	11·08[illegible]	−35·189	− 4	...	..
	+11·124	+35·145	− 5		.
†	11·427	−24·991	− 5		...
..	11·512	+23·721	− 2		...
*	11·673	+15·722	1·00	..	...
..	11·852	+32·206	0·65	...	...
351					
...	+12·072	+15·918	− 4	...	...
...	12·116	−44·207	− 5	...	..
	12·144	+ 2·940	− 5	.	...
...	12·524	+ 7·099	0·65	..	...
*	12·862	− 1·[illegible]	1·00	42.6572	10·6
	+13·226	+24·859	− 4	...	...
...	13·245	−54·[illegible]	0·90	43.6450	10·2
*	13·263	− 5·280	1·30	42.6573	9·7
...	13·371	−10·351	− 5	...	.
*	13·385	− 2·404	1·20	42.6574	10·0
361					
...	+13·745	−44·879	− 5	...	..
...	13·758	−33·739	− 3	...	
...	13·977	+49·088	− 5	...	...
	14·[illegible]	−47·292	− 4	.	...
...	14·368	27·[illegible]	− 3	.	...
S ‡	+14·[illegible]	+ 6·645	2·15	42.6575	8·1
*	15·[illegible]	+51·100	1·10	42.6576	10·4
...	15·243	−16·152	− 4	a	..
*	15·280	+52·854	1·30	42.6577	9·8
...	15·466	+51·825	− 4	...	..
371					
	+15·710	+ 0·443	− 3	..	.
...	15·725	+13·436	− 4	..	...
*	15·840	+41·789	1·00	42.6578	10·6
*	15·939	+32·681	1·00	42.6579	10·6
.	16·197	−12·860	− 2		...
...	+16·225	+37·[illegible]	− 5	...	...
*	16·308	+ 8·376	1·00	.	
*	16·442	+13·307	1·00	..	...
.	16·638	+ 7·222	− 4		
...	16·839	−36·641	− 2	.	..
381					
...	+16·841	+39·889	− 5		..
..	16·899	−29·439	− 4		...
...	16·957	+11·316	− 5		..
..	17·066	+ 6·116	− 2	.	
	17·086	−31·791	0·65	..	
	+17·091	+43·391	− 5	...	.
‡	17·179	+ 4·818	− 2	.	...
*	17·367	+34·730	1·[illegible]	42.6580	9·4
.	17·426	+30·530	0·85	...	...
...	17·462	−26·049	− 5	...	...

391 450

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
391					
..	+17·874	+ 9·453	− 4	.	...
...	18·303	−21·182	− 4		...
...	18·383	−38·889	− 2	...	...
...	18·711	+41·267	− 5	.	...
S *	18·714	+43·55[illegible]	1·55	42.6581	8·6
.	+18·806	−29·44[illegible]	− [illegible]	..	...
..	19·131	− 2·077	0·[illegible]		..
..	19·131	−12·547	− 4	.	...
†	19·179	+ 4·931	− 2	...	...
...	2·225	−51·707	− 4	...	...
401					
..	+20·[illegible]	+20·411	0·80	..	...
...	20·880	−15·[illegible]	0·90	...	...
+	21·353	−32·639	1·20	43.6451	9·2
...	21·500	+57·915	0·90	...	...
...	21·858	−24·069	0·85	...	...
*	+21·887	+16·862	1·10	42.6582	10·2
†	22·001	+ 9·862	− 5	..	...
	22·168	−18·140	− 4		..
..	22·492	+15·[illegible]	− 5	...	...
...	22·776	−24·43[illegible]	0·90	.	..
411					
*	+23·129	+11·924	1·[illegible]		...
...	23·330	+24·433	− 2	...	...
‡	23·356	+ 4·875	1·30	42.6583	9·3
..	23·644	−50·178	0·85	...	...
†	23·688	−10·120	0·90	...	...
...	+23·702	+16·637	− 4	.	...
*	23·704	− 6·221	1·[illegible]	...	...
...	23·972	−33·33[illegible]	− 5	.	...
*	23·979	+47·84[illegible]	1·10	42.6584	10·2
...	23·983	+43·5[illegible]	0·70	...	..
421					
...	+24·223	−19·499	− 3	...	...
*	24·240	−36·980	1·30	43.6453	9·4
...	24·307	−34·595	− 5	...	...
...	24·335	− 0·675	− 5	m	...
..	24·354	−31·285	− 3	...	...
...	+24·[illegible]	+14·156	− 3	..	...
..	24·642	−12·390	0·9[illegible]	.	...
...	24·650	+ 7·[illegible]	− 5	.	...
*	25·275	−54·383	1·00	43.6454	10·2
...	25·395	−55·829	− 5	..	...
431					
...	+25·995	+57·273	− 5	...	.
..	26·[illegible]	−26·814	0·85	..	.
...	26·067	+12·809	0·85	.	.
*	26·136	−35·021	1·25	43.6455	9·6
...	26·485	−20·820	0·80	...	...
...	+26·607	+52·653	− 5		...
...	26·717	−53·695	0·80		.
.	26·733	+19·416	− 5		...
*	26·969	−4[illegible]	1·05	43.6456	10·2
...	27·123	+13·868	− [illegible]	..	...
441					
...	+27·963	+54·4[illegible]	− 4	...	...
...	28·029	− 6·798	− 4	...	.
...	28·048	+59·096	0·85	41.6[illegible]	10·6
...	28·257	+31·632	− 3		...
*	28·292	+25·919	1·00	42.6585	10·6
...	+28·449	+ [illegible]	− 5	..	...
...	28·538	− 7·111	− [illegible]	[illegible]	...
..	28·841	+ 3·586	0·90	.	...
...	28·902	− 2·664	0·[illegible]	...	...
...	29·361	+53·891	− 4	.	...

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
451 490					
451					
*	+3′229	−30′116	1·00	43.6458	10·2
...	30·376	−10·831	− 5	..	.
...	30·571	+53·110	− 5	.	.
...	30·737	−52·081	− 4	..	..
*	30·799	−33·520	1·30	43.6459	9·0
*	+31·236	−36·476	1·20	43.6460	9·6
...	31·550	+25·142	− 5	...	...
...	31·864	+12·497	− 5	...	...
*	32·225	+23·500	1·00	...	...
...	32·332	+31·699	− 5	...	...
461					
...	+32·384	+42·161	− 2	...	...
...	32·567	−54·424	0·90	43.6461	10·2
...	32·628	+28·471	− 3	.	...
...	32·938	−59·390	− 4	..	...
†	33·251	−50·010	1·10	43.6462	9·6
...	+33·594	+49·016	− 3	...	.
..	33·724	−23·675	− 1	...	...
...	34·022	−40·103	− 4	...	...
...	34·026	+32·624	− 3	...	.
...	34·352	+50·203	− 5	...	...
471					
†	+34·756	+40·469	1·00	42.6586	10·6
*	34·965	+24·380	1·10	42.6587	10·4
...	35·137	−36·237	− 5	...	...
*	35·164	−48·695	1·10	43.6463	9·6
...	35·236	+59·203	− 3	...	...
...	+35·725	−50·708	− 4	...	...
*	36·125	+33·811	1·15	42.6588	10·1
...	36·137	−45·583	− 1	...	...
...	36·266	+ 0·008	− 3	a	...
...	36·296	−50·530	− 5	...	..
481					
...	+36·578	−27·686	0·70	...	...
...	36·726	−22·738	− 5	...	...
...	36·735	−13·030	0·80	...	...
...	36·837	+52·811	− 3	...	...
...	36·913	−43·041	− 4	...	...
S *	+37·113	−44·057	1·50	43.6464	8·9
...	37·167	+10·983	− 2	...	...
*	37·280	+47·135	1·55	42.6589	9·0
...	38·131	− 1·994	− 3	...	...
*	38·198	− 9·672	1·15	43.6465	9·6

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
491-530					
491					
.	+38′419	−30′0	− 4	.	...
..	38·698	−31·170	0·85	.	..
..	38·844	−12·466	− 5		.
...	39·232	− 8·505	− 4		..
..	39·284	+46·697	− 4	...	...
†	+39·751	−43·145	1·10	43.6466	9·8
...	39·774	+45·978	− 5	...	...
...	40·009	+32·247	80	...	..
*	40·152	−24·862	1·05	43.6467	9·8
*	40·523	+21·477	1·10	42.6590	10·0
501					
...	+40·837	+ 6·472	− 5	..	...
*	40·910	+12·486	1·10	42.6591	10·0
...	41·387	+52·156	− 5	...	...
*	41·511	−37·127	1·15	43.6468	9·6
...	41·757	−20·430	− 2	.	...
...	+41·900	+ 8·736	− 3	...	.
...	43·007	+21·135	− 4	.	..
...	43·336	+31·108	− 3	...	...
...	43·429	−14·636	− 5	...	..
*	43·520	+ 3·533	1·20	42.6592	9·8
511					
...	+43·579	−24·576	− 5	m	...
...	43·800	+32·559	− 3	...	...
*	43·802	− 1·193	1·00	42.6593	10·5
..	44·252	−14·301	− 5	...	...
*	44·944	+39·406	1·40	42.6594	9·2
...	+45·054	−29·571	0·65	...	...
...	46·184	+50·459	− 4	...	...
*	46·592	+ 3·398	1·20	42.6595	9·8
...	47·035	−27·127	0·65	...	...
...	47·250	−18·171	− 5		
521					
...	+47·294	−47·384	− 5	...	..
*	47·532	−41·625	1·10	43.6469	9·8
...	47·591	+25·772	− 5	..	...
†	47·789	+34·784	1·00	42.6596	10·6
.	47·816	−33·439	− 4	...	.
...	+48·096	+35·519	− 4	...	...
*	48·221	−49·476	1·10	43.6470	9·8
...	48·281	− 1·654	− 4		..
...	48·362	−11·041	− 5	...	..
...	48·516	−10·738	− 5	...	...

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
531-567					
531					
.	+48·575	+45·080	− 3	...	...
..	48·700	−47·175	− 5	.	...
.	48·788	−30·558	− 3	..	...
*	49·261	+13·837	1·10	42.6597	10·2
...	49·285	−21·772	− 4	...	...
...	+49·536	−32·689	− 4	.	..
†	49·564	− 8·1	0·65	..	...
...	49·682	−37·49	− 1	...	...
*	49·756	−34·048	1·05	43.6473	9·8
*	49·763	−23·981	1·20	43.6472	9·4
541					
*	+49·848	+ 2·922	1·2	42.6598	10·6
...	49·891	+ 0·805	0·75	..	...
..	50·233	+32·871	− 3	.	...
.	50·684	−56·166	− 4	..	...
*	50·903	−48·846	1·00	43.6474	10·2
...	+50·935	+39·571	− 4		...
...	51·373	−16·979	− 1		...
*	52·211	+21·551	1·15	42.6599	10·5
...	52·478	−58·160	− 5	.	..
...	52·740	+40·843	− 5	...	.
551					
...	+53·378	−11·253	− 4		...
..	55·131	+42·779	− 5	.	.
..	55·294	−22·708	− 5	.	..
*	55·745	+27·951	1·00	42.6600	10·2
.	55·838	+ 3·933	− 5	...	...
*	+56·122	+30·894	1·20	42.6601	10·2
*	56·157	+27·673	1·30	42.6602	10·0
..	56·499	+38·564	− 5	...	...
...	56·618	+49·520	0·85	42.6603	10·2
*	56·728	−24·060	1·05	43.6475	10·2
561					
...	+56·896	−11·616	− 4	...	
...	57·040	+ 2·960	− 5	...	
...	57·283	−12·855	− 2	...	
S *	57·963	+10·973	1·80	42.6604	8·4
.	58·162	+ 2·545	− 3	...	.
...	+58·270	+10·859	0·65	...	.
...	58·598	+16·370	− 5	...	...

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
1-10					
1					
†	−59′802	−21′917	− 5	...	...
...	59·620	−47·351	− 5	...	...
*	59·255	−24·132	1·35	43.6472	9·4
...	59·216	−32·836	− 5	...	...
...	59·079	−34·360	− 5	M	...
*	−58·956	−34·189	1·05	43.6473	9·8
...	58·924	−37·633	− 3	..	...
...	58·197	+40·749	− 5	...	...
*	58·150	+21·458	1·10	42.6599	10·5
...	57·856	−17·072	0·65	...	...

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
11-20					
11					
...	−57′390	−56′262	− 4	..	...
...	57·360	−48·957	0·65	43.6474	10·2
...	56·023	−11·305	− 4	.	...
...	55·861	+42·754	− 5		.
...	55·509	−58·205	− 5	.	.
†	−54·814	+27·965	0·90	42.6600	10·2
..	54·589	+49·544	0·70	42.6603	10·2
*	54·527	+30·917	1·10	42.6601	10·2
*	54·395	+27·694	1·30	42.6602	10·0
...	54·394	+38·579	− 5	...	...

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
21-30					
21					
...	−54·001	+ 3·660	− 5	...	...
..	53·759	−22·690	− 5	.	...
.	52·765	+ 3·014	− 5	..	...
...	52·475	−11·551	− 3	..	...
..	52·277	−23·991	0·90	43.6475	10·2
S *	−52·070	+11·045	1·80	42.6604	8·4
...	52·066	−12·781	0·70	..	.
...	51·776	+10·951	0·85	...	...
...	51·638	+ 2·687	− 3	...	...
...	51·617	+16·464	− 5	...	..

B re-issued from 1·13 25·42
E .. .. 57·21, 28 58

31 90

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
31					
...	−51·143	+31·089	− 4	...	...
.	50·102	+32·537	− 5	...	.
..	49·682	+15·106	0·70	...	...
...	49·289	−15·167	− 5	...	...
..	49·119	+ 4·076	− 5	..	..
...	−47·018	+56·845	− 3	..	...
...	48·947	+54·361	− 5	...	...
...	48·780	+ 3·976	− 1	...	...
...	48·430	− 8·622	− 2	..	...
...	47·858	+ 8·956	− 5	...	...
41					
*	−47·013	+ 8·608	1·00	42.6605	10·5
*	46·999	+49·462	1·30	42.6606	10·0
*	46·844	−26·933	1·00	43.6476	10·2
...	46·741	+51·003	− 5	...	..
..	46·478	−45·082	− 5	M	..
...	−46·433	+45·251	− 4	...	...
...	46·378	+37·349	− 2	...	...
*	46·202	+35·900	2·20	42.6607	8·5
...	45·971	+58·669	− 3	..	...
.	45·812	−47·762	− 3	.	...
51					
..	−45·747	− 5·505	− 4	...	...
...	45·509	+57·981	− 3	...	..
.	45·332	+10·681	− 5	...	...
...	45·254	−15·989	− 3	...	...
	45·247	+43·500	− 3	...	..
.	−45·167	+31·419	− 1	...	...
...	44·932	+31·196	− 1	.	..
..	44·730	+10·305	− 2	...	...
...	44·571	+44·021	− 3	..	...
..	44·218	+ 7·384	− 5	...	...
61					
	−44·118	− 5·170	− 5	...	..
	43·973	+28·792	1·00	42.6608	10·2
...	43·67	−13·753	− 3	..	...
	43·617	−44·158	− 4	...	..
..	43·744	+10·116	− 4	.	...
..	−43·370	+23·436	− 5	...	...
...	43·193	−45·7	0·65	43.6477	10·2
.	43·103	+16·588	− 5	...	...
*	43·03	−53·112	1·00	43.6478	10·0
...	40·560	+57·147	− 5	...	...
71					
	−40·268	+ 0·884	1·00	42.6609	10·2
...	39·984	+15·173	− 5	...	...
*	39·815	− 3·42	1·3	...	...
...	39·39	− 6·676	− 5	M	...
...	39·036	− 6·462	− 5	M	...
S *	−39·025	−33·529	1·23	43.6479	9·0
*	38·829	−29·789	1·00	43.6480	10·2
	38·719	−21·787	− 4		...
	38·5	−14·145	− 3		...
*	38·38	+ 6·57	1·00	...	...
81					
*	−37·6	+14·973	1·00	42.6610	10·4
...	37·650	−46·864	0·90	43.6481	10·0
.	37·5	− 1·1	− 5	M	.
...	37·416	−33·51	− 3	...	...
S *	37·3	+52·143	3·43	42.6611	7·6
...	−37·157	−46·198	− 5	...	...
...	37·092	−3·7	− 1	..	...
*	36·637	+33·120	1·00	42.6612	10·2
	36·4	+24·486	− 4	..	...
..	36·426	−30·906	− 4	...	...

91 150

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
91					
*	−36·387	+ 5·481	1·00	...	...
...	36·194	−40·530	0·65	...	...
...	36·026	+11·017	− 5	..	...
*	35·897	−24·975	− 4	...	...
...	35·835	−14·298	− 4	...	...
...	−35·788	+10·365	− 3	...	...
...	35·756	− 2·105	− 5	M	...
...	35·629	+46·791	0·80	42.6613	10·2
...	35·583	+40·393	− 5	..	...
...	35·580	+28·791	− 5	...	...
101					
...	−35·163	−10·183	− 1	43.6482	10·2
...	34·820	+46·907	− 2	...	...
...	34·572	−42·459	− 5	...	...
*	34·339	+23·937	1·00	42.6614	10·2
...	33·905	−32·672	− 3	...	...
...	−33·583	+25·377	− 5	...	...
...	33·284	−30·900	− 5	...	...
...	33·039	+17·699	− 1	...	...
*	33·019	+20·202	1·00	...	...
*	32·681	+13·086	1·40	42.6615	9·0
111					
...	−32·679	−52·005	− 3	...	...
...	32·671	− 7·822	0·65	43.6484	10·2
*	32·670	−37·647	1·00	43.6483	10·0
*	32·529	+47·987	1·00	42.6616	10·1
...	32·501	−49·764	− 4	...	...
*	−32·144	+30·180	1·10	42.6617	10·0
...	31·971	−42·999	− 5	...	...
...	31·571	−54·278	− 5	..	..
...	31·394	+35·574	− 5	...	...
*	31·369	+13·687	1·00	...	...
121					
...	−31·304	+ 9·719	− 3	...	...
...	31·248	+ 7·879	− 2	...	...
*	31·154	−24·589	1·20	43.6485	9·2
...	31·018	−33·843	− 5	...	...
...	30·703	+16·766	0·75	...	...
*	−30·538	−15·127	1·00	43.6486	9·8
...	30·416	− 7·155	− 1	...	...
*	30·285	+27·194	1·00	42.6618	10·0
...	30·194	+10·967	− 5	...	...
...	29·678	−38·208	− 2	...	...
131					
...	−29·465	−23·552	− 5	...	..
...	29·393	+46·180	− 5	...	..
*	29·379	+ 7·809	1·10	42.6619	10·0
...	29·149	−45·163	− 1	...	...
...	29·133	+47·561	0·80	42.6620	10·5
	−28·943	−11·398	− 4	...	...
*	28·787	+54·403	1·00	41.6702	10·6
*	28·684	−15·379	1·00	43.6487	9·8
...	28·399	−41·004	− 5	...	...
...	27·750	−26·312	− 5	...	.
141					
*	−27·290	−23·767	1·00	43.6488	9·6
...	27·285	−41·557	− 5	...	...
...	27·035	+10·934	− 3	..	...
...	26·856	−14·381	− 5	..	...
..	26·773	+ 1·621	− 5	...	..
.	−26·582	−45·291	− 5	...	..
.	26·402	−32·417	− 2	...	...
N *	25·731	19·481	1·10	43.6489	9·2
N	25·730	−19·534	− 1		
..	25·641	−27·888	− 5	...	...

151–210

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
151					
†	−25·621	+19·810	0·70	...	...
...	25·390	+58·381	− 5	...	...
...	25·186	+55·984	− 4	...	...
*	25·183	+18·122	1·05	42.6621	10·0
...	24·521	−34·701	− 5	...	...
...	−24·494	−36·750	0·65	...	...
*	24·383	−27·654	1·10	43.6490	9·4
...	24·181	−37·394	− 5	M	...
...	23·959	+30·185	0·70	...	...
...	23·951	+46·010	− 4	...	...
161					
*	−23·946	− 6·825	1·10	42.6622	9·8
...	23·838	−51·342	− 3	...	...
...	23·422	+23·618	− 4	..	...
...	23·321	− 8·538	− 1	...	...
..	22·986	−55·943	0·70	43.6491	10·2
*	−22·675	+ 9·808	1·00	42.6623	10·0
...	22·300	+54·142	− 2	...	...
...	22·136	+47·816	− 5	...	...
...	21·755	−41·326	− 2	...	...
†	21·640	+14·912	1·00	42.6624	10·2
171					
...	−21·594	+33·585	− 5	...	...
...	21·362	−11·007	− 5	M	...
...	21·200	−48·304	− 5	...	...
...	20·958	+46·361	− 2	...	...
..	20·855	−24·110	− 3	..	...
...	−20·739	+10·185	− 5	...	...
...	20·615	+21·845	− 4	...	...
...	20·592	−23·319	− 5	...	...
...	20·591	+46·776	− 3	..	...
...	20·556	−43·797	− 2	...	...
181					
*	−20·327	−21·611	1·00	43.6494	10·2
...	20·265	+27·879	− 4	...	...
...	20·249	+18·959	− 5	...	...
...	19·710	−47·604	− 5	...	...
*	19·654	−47·261	1·00	43.6495	10·0
...	−19·645	+34·387	− 3	...	...
...	19·632	+ 2·126	− 4	...	...
...	19·342	+20·697	− 5	...	...
...	19·103	−21·072	0·65	...	...
*	18·751	+24·953	1·00	42.6625	10·4
191					
...	−18·749	− 6·770	− 5	M	...
*	18·604	−11·320	1·00	43.6496	9·8
...	18·599	+40·538	− 5	...	..
...	18·336	−15·580	− 5	M	...
...	18·302	−10·886	− 5	M	...
...	−18·249	−54·999	− 3	...	...
...	17·982	−37·028	0·90	43.6497	10·2
..	17·849	−39·817	− 3	...	...
...	17·267	+43·520	− 5	...	...
...	17·159	−52·828	− 4	...	...
201					
...	−17·013	−48·630	0·65	...	...
...	16·942	−13·008	− 5	M	...
†	16·671	−19·979	− 5	...	...
...	16·569	+40·595	− 3	...	...
...	16·469	−15·059	− 3	...	...
..	−16·354	+38·702	− 5	...	...
...	16·324	+51·444	− 5	...	...
...	16·104	−51·540	− 4	...	...
...	15·983	+38·960	− 5	...	...
*	15·631	+11·067	1·00	...	...

148, 149. 44°·86, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
	211–270				
211	′	′		°	
...	−15·553	−37·273	−5	...	...
...	15·396	+ 2·577	−5	...	...
...	15·064	+ 3·362	−5	...	...
...	14·296	+29·545	−5	...	...
...	14·242	+ 0·227	−5	a	...
...	−13·883	+28·709	−5	...	...
...	13·802	+55·781	−2	...	...
...	13·653	+42·175	−1	...	...
...	13·642	−30·150	−2	...	...
...	13·430	+44·375	−5	...	...
221					
...	−13·374	−58·930	−4	...	...
...	13·083	−36·714	−1	...	...
...	12·802	−54·989	−5	...	...
S *	12·397	+24·042	3·40	42.6626	7·4
...	12·303	−16·973	−5	M	...
*	−11·406	−35·700	1·00	...	...
*	10·583	+21·210	1·00	...	...
...	10·513	−33·890	−5	...	...
...	10·345	−41·036	0·70	...	...
*	10·178	−29·165	1·20	43.6500	9·2
231					
...	−10·166	−19·198	−5	M	...
...	10·155	+39·447	−5	...	...
*	10·083	−16·227	1·00	43.6499	10·2
*	9·552	−46·831	1·00	43.6501	10·0
...	9·343	−41·355	−5	...	...
...	− 9·048	+58·597	−2	41.6714	10·6
S *	8·658	−12·484	1·13	43.6502	9·2
...	8·438	+14·433	−5	...	...
...	8·316	+46·586	−3	...	...
...	7·707	+48·103	−5	...	...
241					
...	− 7·608	+20·688	−5	...	...
*	7·592	+ 6·792	1·10	42.6627	10·0
...	7·521	−53·578	−5	...	...
...	7·270	+19·154	−5	...	...
...	7·251	+16·028	−5	...	...
...	− 7·084	−39·130	−5	...	...
...	6·762	+24·969	−5	...	...
*	6·714	+47·430	1·00	42.6628	10·4
S *	6·493	−55·654	1·70	43.6503	8·4
*	6·464	−32·337	1·00	43.6504	9·6
251					
...	− 6·189	−41·791	−5	...	...
*	6·162	−47·424	1·00	43.6505	9·8
...	6·143	−21·747	−2	...	...
*	5·849	−42·650	1·00	43.6506	9·8
*	5·844	+10·227	1·20	42.6629	9·6
...	− 5·761	+52·781	−5	...	...
...	5·682	+13·241	−5	...	...
...	5·457	+12·441	−5	...	...
*	5·321	+42·543	1·30	42.6630	9·0
...	4·839	+27·737	−5	...	...
261					
...	− 4·756	+25·263	−4	...	...
...	4·748	+23·679	0·65	...	...
...	4·511	−39·152	−4	...	...
...	4·204	+43·081	−2	...	...
*	4·174	−53·720	1·00	43.6507	9·8
..	− 3·969	−58·635	−4	...	...
...	2·863	−42·345	−1	...	...
...	2·792	+55·813	0·65	41.6725	10·6
*	2·629	+11·792	1·00	42.6631	10·6
*	2·529	−52·730	1·05	43.6508	9·6
	271–330				
271	′	′		°	
*	− 2·523	+ 8·481	1·00	...	...
...	2·507	−12·789	−5	M m	...
*	2·412	+ 5·100	1·00	...	...
...	1·954	+41·233	−5	m	...
...	1·670	+ 6·926	−1	...	...
...	− 1·371	+ 2·921	−5	m	...
*	1·322	−38·389	1·00	...	...
...	0·795	+ 7·000	−3	m	...
...	0·728	+43·169	−5	m	...
*	0·380	−51·362	1·00	43.6510	10·2
281					
...	− 0·364	+32·186	−4	m	...
†	− 0·066	+ 4·624	−3	...	...
...	+ 0·241	− 1·389	−5	M m	...
...	0·467	+41·058	−3	m	...
...	0·503	− 4·857	−5	M m	...
*	+ 0·653	− 1·763	2·20	42.6632	8·5
...	0·661	−54·070	−5	...	...
*	1·096	+ 9·489	2·00	42.6633	8·9
...	1·396	+54·268	−5	...	...
*	1·433	−35·116	1·00	43.6511	10·0
291					
...	+ 1·749	−43·891	0·65	...	...
...	1·769	+ 3·744	−3	m	...
...	1·852	+41·793	−5	m	...
...	2·030	−50·554	−5	...	...
...	2·108	+19·935	−4	m	...
...	+ 2·238	−41·179	−3	...	...
...	2·313	+16·310	−5	m	...
...	2·318	+25·791	−5	m	...
...	2·339	− 9·257	−4	...	...
...	2·534	−50·049	−5	...	...
301					
...	+ 2·647	+55·830	−5	m	...
...	2·763	−18·612	−4	...	...
*	2·965	+18·074	1·00	42.6634	10·5
...	2·976	+ 0·782	0·65	...	...
...	3·000	+21·049	−4	m	...
...	+ 3·032	+ 0·453	−4	a m	...
*	3·077	−37·270	1·20	43.6512	9·4
...	3·266	−28·577	−4	...	...
*	3·287	−10·727	1·00	43.6513	9·8
...	3·325	+55·434	0·90	41.6731	10·4
311					
...	+ 3·440	+54·137	−5	...	...
...	3·470	−37·238	−5	M m	...
*	3·885	+39·065	1·00	42.6635	10·6
...	4·045	−55·659	−5	...	...
...	4·534	+47·145	−1	...	...
...	+ 4·541	−45·681	−1	...	...
...	4·578	+ 7·707	−4	m	...
...	4·605	+ 7·886	−4	m	...
...	4·706	−18·550	−4	...	...
*	4·724	− 9·068	1·00	43.6515	10·2
321					
...	+ 4·733	+14·741	−4	m	...
...	5·189	−42·806	−5	...	...
...	5·226	−38·014	0·70	...	...
...	5·361	+10·801	−4	m	...
*	5·577	+19·334	1·20	42.6636	9·4
*	+ 5·730	−26·196	1·00	43.6516	10·0
*	5·893	+ 7·095	1·30	42.6637	9·4
...	5·955	+39·136	0·80	...	...
...	6·722	+18·750	−4	m	...
...	6·826	−42·332	−5	...	...
	331 390				
331	′	′		°	
...	+ 6·937	+26·219	−5	m	...
*	7·076	+39·094	1·00	42.6638	10·4
...	7·320	−56·290	−3	...	...
...	7·738	+34·669	−3	...	...
...	7·759	+ 8·913	−5	m	...
†	+ 7·926	−20·027	−5	...	...
†	8·208	−15·033	−5	...	...
...	8·291	−54·773	0·70	...	...
...	8·387	−35·207	0·70	43.6517	10·2
...	8·572	−31·183	0·80	43.6518	10·2
341					
...	+ 8·718	−25·687	−5	...	...
*	8·902	− 0·173	1·00	42.6639	10·2
...	8·912	+28·048	−5	m	...
...	8·985	− 4·955	−1	...	...
...	8·992	−59·245	−5	...	...
*	+ 9·002	+16·306	1·15	42.6640	9·8
...	9·496	+17·566	−4	m	...
...	10·079	+22·657	−5	m	...
...	10·113	+10·783	−3	b	...
...	10·388	−23·146	−4	...	...
351					
...	+10·389	+37·894	−5	m	...
*	10·640	−11·828	1·10	43.6519	9·6
...	10·724	+37·525	−5	m	...
*	10·988	+ 9·271	1·00	42.6641	10·2
...	11·270	+ 9·113	−5	m	...
...	+11·607	− 7·822	0·70	...	...
...	11·649	−51·584	−4	...	...
...	11·683	+13·569	−5	m	...
...	11·979	−21·642	−3	...	...
*	12·008	− 3·187	1·10	42.6642	10·0
361					
...	+12·399	+33·121	−3	...	...
...	12·498	−34·501	0·80	43.6520	10·2
...	13·221	+30·715	−1	...	...
...	13·657	−57·904	−2	...	...
...	14·310	+57·885	−5	...	...
...	+14·570	+35·143	−3	...	...
...	14·916	+32·996	−3	...	...
*	15·271	+32·254	1·05	42.6643	9·8
...	15·374	+27·150	−2	...	...
...	15·605	−33·263	−5	m	...
371					
...	+16·247	+48·400	−4	...	...
*	16·435	+22·535	1·00	42.6644	10·6
...	16·480	+47·303	−3	...	...
...	16·567	−41·452	−5	...	...
*	16·580	+ 6·215	1·00	42.6645	10·6
...	+16·593	−20·989	−5	...	...
...	16·760	+ 0·203	−5	m	...
...	16·927	+18·637	−5	m	...
*	17·084	+25·343	1·00	...	...
...	17·855	+ 6·381	−5	m	...
381					
*	+18·080	− 2·412	1·10	42.6646	10·0
*	18·383	− 2·158	1·00	42.6647	10·6
...	18·528	−53·392	−5	...	...
...	18·559	+22·086	−5	m	...
*	18·837	−33·020	1·00	43.6521	10·2
*	+19·007	+ 3·548	1·05	42.6648	10·0
*	19·063	−52·466	1·00	43.6522	10·2
...	19·830	+15·071	−4	a	...
...	20·228	+16·003	−4	...	...
...	20·280	+ 9·690	0·70	...	...

391–450

Notes.	Co-ordinates.		Diam.	C.P.D. No.	C.P.D. Mag.
	′	″	s.		
391					
*	+20·328	+18·742	1·10	42.6650	10·0
...	20·469	+25·500	− 4	.	..
..	20·503	+41·445	− 5	m	...
..	20·512	+46·551	0·80	42.6649	10·6
...	20·652	−13·518	− 5	m	...
.	+20·907	−44·539	0·70		...
..	21·434	+34·622	− 2	...	...
.	22·111	+ 4·403	− 5	.	..
...	22·467	−44·061	− 5	...	...
...	22·506	−58·732	− 4	..	...
401					
..	+22·536	+36·841	− 5	.	..
...	23·264	+ 6·462	− 4	a	...
...	23·322	+40·435	− 3	.	
...	23·510	−23·096	− 5	.	...
...	23·703	−15·850	− 5	...	...
*	+23·772	+38·542	1·10	42.6651	10·0
*	23·817	−21·302	1·00	43.6523	10·0
...	23·854	−15·376	− 5	.	..
†	24·205	−14·993	− 5	...	...
...	24·405	−16·174	− 5	...	...
411					
...	+24·659	+29·415	− 4	...	...
S ‡	24·800	+37·452	1·18	42.6652	9·4
†	24·855	−34·465	− 5		...
*	24·863	−11·529	− 4	...	...
S	24·880	−30·432	2·35	43.6524	8·0
...	+25·499	− 9·657	− 5	m	...
*	25·827	+40·466	1·15	42.6653	9·8
*	25·931	+25·887	1·00	42.6654	10·6
	26·029	−20·172	− 5	...	...
...	26·099	−39·715	− 4	...	...
421					
	+26·183	− 9·920	0·75	43.6525	10·2
.	26·232	+12·525	− 5	.	..
	26·326	−20·804	− 5	...	...
	26·657	+44·850	− 5	m	.
..	26·746	− 7·158	− 5	m	.
...	+26·986	+10·107	− 5	m	..
	27·535	− 3·765	− 5	...	..
	27·571	+26·640	− 5	m	..
*	27·725	− 7·515	1·00	...	...
	27·749	+21·771	− 5	m	...
431					
.	+27·970	− 0·166	− 5	...	...
.	28·021	−10·828	− 1	...	..
	28·037	−26·377	− 4		...
	28·112	−15·606	− 3	...	.
	28·263	− 2·807	− 5	m	...
*	+28·395	+38·418	1·00	42.6656	10·5
*	28·447	−43·646	1·00	42.6655	10·2
	29·173	−49·327	− 5	...	...
	29·287	−21·331	− 5	m	..
.	29·469	+13·301	− 5	m	.
441					
	+29·682	−48·925	0·65	...	.
†	29·898	+ 8·599	− 4	a	
	30·118	−25·515	− 3	.	.
	30·275	− 8·589	− 2	...	
	30·746	+28·288	− 5	m	.
	+30·764	+21·924	− 5	m	...
...	30·823	−26·802	− 5	..	
*	30·837	− 8·679	1·00	43.6526	9·8
	30·994	−18·236	− 1		
..	31·227	+ 0·820	0·70	..	.

451–510

Notes	Co-ordinates.		Diam.	C.P.D. No.	C.P.D. Mag.
	′	″	s.		
451					
...	+31·555	−36·038	− 5	.	...
...	31·683	+ 8·290	− 3	.	...
...	31·739	+48·373	0·70	...	..
...	31·777	−39·640	− 5	...	...
N *	31·881	+ 1·746	1·00	42.6657	10·4
..	+32·111	−19·860	− 5	..	...
..	32·658	+25·186	− 5	m	..
...	32·906	−41·615	− 5	.	...
..	33·061	+59·370	− 3	...	...
...	33·248	+20·128	− 5	m	...
461					
*	+33·296	−21·182	1·00	43.6528	10·2
..	34·129	+ 4·591	− 5	m	...
...	34·480	+37·491	− 4	a	...
..	34·484	−27·685	− 5	m	...
	34·600	− 1·815	− 1	...	..
...	+35·055	− 5·787	0·70	...	..
...	35·434	−19·694	− 2		...
...	35·537	+47·406	− 5		..
S *	35·838	−51·530	3·00	43.6530	7·1
*	35·854	−39·314	1·00	43.6529	9·8
471					
...	+36·157	−38·641	− 3	...	...
S *	36·366	−51·471	1·90	42.6658	9·0
*	36·738	−18·837	1·00	43.6531	10·0
..	36·748	+53·036	− 5	m	..
.	36·797	+ 7·922	− 5	m	...
...	+37·052	− 2·835	− 5	m	...
...	37·056	−58·288	− 5	.	..
.	37·062	−21·561	− 5	.	..
...	37·106	− 1·543	− 5	...	...
*	37·256	+37·799	1·00	42.6659	10·5
481					
*	+37·320	−53·811	1·11	43.6532	9·6
...	37·336	+13·527	0·70	...	.
..	37·637	− 2·039	0·70	...	.
...	37·638	+39·070	0·70	42.6660	10·6
*	38·030	−31·615	1·00	43.6533	10·2
...	+38·178	+40·662	− 3	..	...
*	38·954	− 9·454	1·00	43.6534	10·2
	39·086	+11·521	0·70	...	..
...	39·165	− 9·141	0·90	43.6535	10·2
	39·572	− 0·457	− 5	m	...
491					
...	+39·590	−18·317	− 4	...	...
...	40·014	−24·591	− 5	.	.
*	40·739	−14·204	1·30	43.6536	9·2
...	41·777	+49·719	− 3		...
†	41·088	+23·535	− 3	...	...
	+41·549	+27·277	− 3	..	...
*	41·702	+33·929	1·10	42.6661	10·2
*	42·054	−40·554	1·10	43.6537	9·6
*	42·178	−53·457	1·00	43.6538	10·0
*	42·399	−56·257	1·35	43.6539	9·2
501					
	+42·783	+30·593	− 5		..
...	43·159	−16·911	− 5		..
...	43·376	+ 2·232	− 3		.
*	43·580	−38·408	1·10	43.6540	9·8
.	43·923	+18·325	− 5	m	.
...	+44·118	+29·663	− 5	m	.
.	44·283	−20·461	− 3	.	.
*	45·331	−11·551	2·00	43.6541	7·8
*	45·444	−31·723	1·00	43.6542	10·0
	45·960	− 5·429	− 5	m	..

511–556

Notes.	Co-ordinates.		Diam.	C.P.D. No.	C.P.D. Mag.
	′	″	s.		
511					
*	+46·384	− 3·656	1·20	42.6662	9·7
...	46·549	+ 1·127	− 4	a	...
...	46·882	−24·823	− 3	...	...
.	47·017	− 7·520	− 4	...	..
..	47·279	− 5·326	− 4	...	...
..	+47·318	−53·176	− 5	...	...
†	48·125	−34·887	0·70	43.6543	10·2
..	48·177	+ 3·761	− 1	...	...
...	48·346	+35·429	− 5	...	...
...	48·507	−45·793	− 2	...	...
521					
...	+48·866	+28·646	0·65	..	...
...	49·355	−30·436	− 5	...	...
†	49·473	−29·918	1·20	43.6544	9·4
†	49·901	−26·351	1·00	43.6545	9·8
†	50·314	−15·014	− 3	...	...
...	+50·358	+ 3·929	− 4	...	...
..	50·765	− 3·999	− 1	...	.
...	50·783	−25·193	− 5	..	..
..	51·129	−29·269	− 5	..	...
...	51·168	−30·847	− 4	...	...
531					
..	+51·434	+ 1·762	− 3	...	...
.	51·536	−16·727	0·70	43.6546	10·2
..	51·644	−30·836	− 5	...	...
*	52·363	−37·112	1·10	43.6547	9·2
*	52·458	+18·929	1·00	42.6663	10·6
...	+52·766	−48·115	0·90	43.6548	9·8
...	52·959	− 7·690	− 5	...	...
...	53·347	−39·085	− 5	...	...
*	53·429	−37·128	1·10	43.6549	9·6
S *	53·682	+ 2·243	1·10	42.6664	9·8
541					
..	+54·011	−42·486	− 1	43.6550	9·8
.	54·347	−23·888	− 5	...	...
...	54·419	−22·007	0·75	43.6551	10·2
..	54·457	−29·797	− 4	...	...
*	54·471	−26·756	1·00	43.6552	10·0
...	+55·074	−36·750	− 5	...	.
	55·304	+18·250	− 2		.
.	56·729	+ 9·597	− 3	..	..
...	56·917	+32·506	0·85	42.6665	10·4
...	57·593	− 6·911	− 3	...	..
551					
†	+57·725	−44·821	− 5	..	..
S *	57·842	−19·426	1·23	43.6553	9·4
*	57·853	−17·343	1·00	43.6554	10·2
...	58·308	+15·497	− 5	.	...
†	59·354	−44·843	− 5	...	...
.	+59·371	−19·678	0·65	43.6555	10·2

1–60

Notes.	Co-ordinates. x.	y.	Diam. t.	C.P.D. No.	Mag.
1					
†	−59·832	−45·078	− 5	...	...
*	59·358	−30·077	1·00	43.6544	9·4
...	59·030	−26·490	0·80	43.6545	9·8
..	58·847	− 4·121	− 5	...	...
...	58·357	+ 1·067	− 4		...
...	−58·138	−41·051	− 5	..	...
...	57·845	+18·856	− 2	42.6663	10·6
..	57·[illegible]4	−29·375	− 5	...	...
...	57·676	−16·818	− 3	43.6546	10·2
...	57·610	−32·941	− 5	...	
11					
*	−56·225	−37·174	1·40	43.6547	9·2
S *	56·100	+ 2·221	1·40	42.6664	9·8
...	55·517	−48·162	0·80	43.6548	9·8
..	55·214	−36·115	− 5	...	.
*	55·177	−37·150	1·40	43.6549	9·6
...	−54·980	+18·254	− 3	...	...
...	54·043	−22·010	− 1	43.6551	10·2
..	54·456	−42·510	− 1	43.6550	9·8
.	54·441	−20·752	− 1	43.6552	10·0
.	54·372	−29·799	− 5	...	..
21					
..	−53·789	−32·553	0·70	42.6665	10·4
...	53·284	+ 9·652	− 4	...	...
..	51·924	− 6·816	− 5	...	...
...	51·881	−15·599	− 5	E	...
...	51·351	−17·241	− 2	43.6554	10·2
S *	−51·309	−19·329	1·50	43.6553	9·4
†	50·842	+54·841	− 5	A	...
...	50·641	−44·721	− 5	...	...
...	49·702	−19·536	− 1	43.6555	10·2
...	49·458	− 1·115	− 5	..	...
31					
...	−49·206	−11·764	− 5	...	...
...	49·018	−44·673	− 5	...	.
...	47·839	−27·356	− 5	...	...
*	47·793	+52·018	1·40	42.6666	9·8
...	47·791	− 4·185	− 1	...	..
...	−47·760	−17·186	0·70	43.6556	10·2
...	47·020	−34·449	− 3	...	...
...	46·961	−34·366	− 5	...	...
...	46·925	+53·678	− 5	41.6775	10·6
*	46·812	+22·698	1·10	42.6667	10·1
41					
...	−46·369	+ 5·162	0·70	42.6668	10·6
...	46·062	−54·173	− 5	...	...
...	45·963	+55·339	− 3	41.6776	10·6
...	45·543	+50·414	− 5	...	...
...	45·093	−38·508	− 5	...	...
...	−45·041	+10·905	− 4	...	...
...	44·686	+20·294	0·95	42.6669	10·5
*	44·223	− 7·837	1·00	42.6670	10·1
...	44·128	+ 4·198	0·70	...	...
...	44·077	−47·981	− 4	...	...
51					
...	−44·009	−57·551	− 2	43.6557	10·0
...	43·878	+ 2·576	− 5	M	..
...	43·868	−48·777	− 5	..	...
...	43·588	−36·900	− 5		...
...	43·375	+ 4·086	− 3	...	...
...	−42·972	+48·315	− 4	42.6671	10·5
...	42·714	− 7·414	− 5	...	...
...	42·388	+46·273	− 5	..	...
...	42·286	+ 2·500	− 5	...	...
...	41·650	−23·244	− 4	...	...

61–120

Notes.	Co-ordinates. x.	y.	Diam. t.	C.P.D. No.	Mag.
61					
	−41·605	−12·292	− 5		...
	41·499	−25·158	− 4		...
. .	41·273	− 0·920	− 4		
..	40·645	+27·340	− 5	.	
*	40·421	+21·[illegible]	1·[illegible]	43.6559	9·4
..	−40·386	+[illegible]·18	0·85	. .	
	40·178	−32·641	− 3	43.6560	10·2
...	40·130	− 1·683	− 1	.	
	39·949	+23·351	− 5	\	
...	39·63[illegible]	+18·135	− 4	...	
71					
S *	−39·261	−53·[illegible]13	3·13	43.6561	7·5
	38·[illegible]33	−13·145	− 5	..	..
	38·531	3·333	− 5	...	
	38·089	−53·850	− 4	43.6563	10·0
*	37·936	+25·766	1·00	42.6672	10·4
.	−37·867	+14·645	− 5	M	..
. .	37·761	−46·646	− 5	.	..
...	37·614	+36·162	− 3	42.6673	10·6
*	35·[illegible]5	6·849	1·[illegible]	42.6674	10·6
‡	35·048	−47·490	1·20	43.6564	9·2
81					
*	−34·643	+51·681	1·40	42.6677	10·0
‡	34·591	+ 4·883	1·30	42.6675	9·4
S *	34·586	+41·526	1·20	42.6676	9·4
...	34·309	− 0·768	− 4	...	...
...	34·301	+33·808	− 2	42.6678	10·6
...	−33·927	+19·582	− 5	M	...
. .	33·624	−25·495	− 4	..	...
...	33·555	+30·596	− 3	.	...
...	32·721	−10·761	− 3	. .	...
*	32·637	−37·411	1·00	43.6566	9·6
91					
...	−32·083	−29·405	− 5	...	...
...	31·597	−30·121	− 5	.	...
...	31·512	+48·151	− 4	42.6680	10·6
*	31·426	+41·758	1·25	42.6679	10·0
*	31·304	−29·022	1·00	43.6567	10·2
...	−31·267	− 8·299	− 4	..	..
...	30·242	−39·254	0·65	.	..
...	29·367	+48·084	− 1	42.6682	10·6
. .	29·194	+12·612	− 5	M	...
...	28·998	−15·958	0·80	43.6568	10·2
101					
...	−28·984	−35·243	− 5	...	...
..	28·976	− 3·249	− 5	M	...
..	28·693	+30·938	0·70	42.6683	10·6
...	28·366	−34·782	0·70	43.6569	10·2
...	28·115	−40·165	− 5	...	...
*	−27·948	− 1·392	1·00	42.6684	10·2
...	27·283	−38·116	− 5	.	...
...	26·192	−21·886	− 3	...	...
..	26·053	+ 1·891	0·70	...	...
...	25·984	+19·743	− 5	M	..
111					
.	−25·982	+44·[illegible]	0·90	42.6685	10·2
*	25·803	−14·706	2·00	43.6571	8·4
...	25·572	− 6·946	− 5	...	...
...	25·156	− 7·391	− 5	M	..
†	25·034	−37·002	− 5	..	...
S *	−24·615	+ 5·105	1·80	42.6686	8·8
.	24·566	−28·491	− 3	...	...
...	24·175	+ 0·544	− 4	A	...
...	23·524	− 2·608	− 5	...	...
*	22·988	−13·046	1·10	43.6572	9·4

121–180

Notes.	Co-ordinates. x.	y.	Diam. t.	C.P.D. No.	Mag.
121					
‡	−22·738	−17·718	1·05	43.6573	9·6
	22·399	+15·449	− 5	M	...
	22·349	−57·[illegible]74	− 3	.	...
...	22·271	+55·[illegible]61	− 5		...
.	22·[illegible]85	− 5·[illegible]71	− 5		.
...	−22·129	6·[illegible]13	− 5		.
	21·983	[illegible]·711	− 4	...	. .
	21·964	+39·068	− 1	...	...
	21·[illegible]98	+ 9·[illegible]29	− 5	M	..
..	21·669	+10·054	− 5	M	..
131					
	−21·616	+31·393	− 4		...
...	21·[illegible]09	+ 1·002	− 1	.	...
. .	20·560	−14·046	− 3		
†	20·179	− 4·950	− 5	...	.
‡	20·171	−19·968	1·50	43.6574	8·6
...	−20·103	+ 2·625	− 5	M	...
...	19·663	+23·962	1·70	42.6687	10·6
...	19·[illegible]88	+ 9·218	− 4	..	...
...	18·891	−42·919	− 5	...	..
...	18·888	+41·474	− 5	E	...
141					
..	−18·679	+41·504	− 4	.	...
*	18·612	+18·638	1·00	42.6688	10·5
...	18·455	−45·484	2·05		...
...	18·249	+22·963	0·70	...	.
...	18·118	−29·076	− 5	...	..
* ...	−17·827	+11·163	− 5	M	.
...	17·675	−14·492	0·70	...	.
...	17·662	−19·373	− 5	...	...
...	16·912	+31·113	− 5	...	...
*	16·478	+53·396	2·00	41.6796	8·8
151					
...	−16·421	−16·337	− 4	...	...
...	16·375	− 6·475	0·75	42.6689	10·6
S *	16·086	+55·725	2·40	41.6797	8·0
...	16·059	−20·349	− 5	M	...
...	16·031	+22·640	− 4	...	...
...	−16·024	−35·343	0·70	43.6575	10·2
. .	14·869	−20·836	− 4		..
*	14·700	− 3·166	1·00	42.6690	10·4
*	14·472	+55·944	1·20	41.6798	9·8
...	14·142	−21·798	− 5	...	...
161					
*	−13·378	+37·679	1·00	42.6692	10·2
†	13·327	−25·046	3·00	43.6576	7·4
*	13·176	− 6·043	1·30	42.6691	9·0
...	12·680	−23·379	0·90	43.6577	10·0
...	12·652	− 5·569	− 5	M	..
*	−12·263	−42·487	1·10	43.6578	9·8
...	12·228	+57·791	− 4	41.6800	10·5
...	12·211	+33·414	− 5	B	...
..	11·991	−44·724	− 5	.	...
...	11·651	− 0·841	− 4	...	..
171					
*	−11·053	−18·017	1·00	43.6581	9·8
..	10·987	−25·249	− 4	...	..
*	10·804	−51·404	1·20	43.6580	9·8
...	10·775	+34·445	− 5	...	...
...	10·719	+ 4·209	− 3	..	...
..	−10·610	+47·983	− 5	M	...
...	9·782	−17·932	− 5	...	...
*	9·718	− 2·813	1·20	42.6693	9·8
*	9·282	−38·474	1·10	43.6582	9·6
...	8·668	−26·207	− 2	...	...

B measured from 1, 98, 210, 329.
EW ,, ,, 47, 157, 274, 393.

181–240

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
181					
...	− 8·551	−50·680	− 4	.	...
..	8·186	−15·365	− 4	...	...
...	7·913	−57·230	− 5	...	...
...	7·188	− 4·936	− 5	M	...
*	7·049	−27·759	1·10	43.6583	9·8
...	− 6·578	−37·167	− 5	M	...
...	6·536	+41·097	− 5	M	...
...	6·135	−44·660	0·90	43.6584	10·2
...	5·972	−10·735	− 1	...	...
...	5·934	−38·181	− 5	...	...
191					
...	− 5·115	+48·165	− 3	...	...
†	5·034	+37·038	1·10	42.6694	9·8
..	4·611	−47·338	− 5	...	...
...	4·504	+58·907	− 5	...	.
*	4·453	−24·421	1·00	43.6585	9·8
..	− 4·212	−24·292	− 1		
S *	3·853	−24·194	1·90	43.6586	8·9
...	3·627	−51·280	− 4	...	...
.	3·347	− 8·620	− 5	...	...
...	3·210	− 3·251	0·70	...	...
201					
...	− 2·890	+26·550	0·65	42.6695	10·6
..	2·863	−32·240	− 3	...	...
.	2·809	+41·574	− 5	...	...
...	2·775	+56·988	− 4	...	...
.	2·635	+48·251	− 5	..	...
...	− 2·487	−21·909	− 3	...	...
...	2·039	−51·808	− 5	...	...
.	1·812	+10·650	− 5	M m	...
	1·608	−20·067	− 2	...	..
.	1·344	−33·123	− 5	...	...
211					
..	− 1·330	−23·708	− 5	...	..
.	1·227	+ 8·341	− 4	M m	...
..	0·941	−19·578	− 4	..	...
...	0·538	−34·179	0·65	43.6588	10·2
†	− 0·166	−16·465	− 3	...	.
.	− 0·452	+14·424	− 3	M	...
.	0·623	−57·206	− 5		.
*	0·754	+ 9·321	1·00	42.6696	10·4
.	1·511	−45·013	− 5	.	...
	1·943	− 6·830	− 2	...	...
221					
	+ 2·169	−13·370	− 5	M	...
...	2·289	−41·926	− 5	..	..
	2·297	+37·021	− 5	M m	...
...	2·331	−20·220	− 5	...	..
...	2·551	−13·[illegible]	− 5	...	...
*	+ 2·589	−19·333	1·35	43.6589	9·2
†	2·[illegible]	−14·[illegible]	− 5		..
	2·856	+38·536	− 5	M	...
.	3·[illegible]	+ 7·[illegible]	− 2	m	.
...	3·604	−13·[illegible]	− 4	m	..
231					
S	3·[illegible]	−21·[illegible]	2·30	42.6697	8·2
*	3·[illegible]	+55·388	1·20	41.6810	10·2
...	3·917	+21·271	− 5	m	.
...	4·[illegible]	+31·468	− 1		.
	4·[illegible]	− 4·[illegible]	− 5	M	
.	+ 5·[illegible]	−46·094	− 5	...	...
..	5·[illegible]	−18·[illegible]	− 3	...	..
.	6·124	+13·862	− 4	b	...
...	6·229	−32·754	− 1	...	.
...	6·459	−46·317	0·75	43.6591	10·0

241–300

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
241					
...	+ 6·485	+25·082	− 3	...	...
...	6·564	+55·464	− 5	a	...
...	6·575	+ 7·020	− 5	m	...
...	6·924	−47·417	− 5	...	...
...	6·950	+24·145	− 4	a	...
...	+ 7·126	+10·223	− 5	m	...
...	7·305	+22·956	− 4	a	...
..	7·316	+ 9·681	− 1	...	...
†	8·017	+54·866	0·70	41.6813	10·6
...	8·254	−14·696	− 5	...	...
251					
...	+ 8·893	−32·837	− 3	43.6592	10·2
...	8·897	−33·066	− 4		
...	9·022	− 5·775	0·70	...	...
...	9·049	+37·225	− 5	m	...
..	9·321	−53·238	− 2	...	...
...	+10·436	−58·788	− 2	...	...
...	10·905	−48·620	0·65	43.6594	10·2
..	11·210	+10·782	− 5	m	...
...	11·230	+16·844	− 5	m	...
*	11·240	−23·892	1·05	43.6595	9·8
261					
...	+11·314	+ 3·500	− 5	m	...
...	11·329	+44·468	− 3	...	...
...	11·449	− 7·092	− 4	...	...
...	11·639	−32·300	− 4	...	...
...	12·137	+ 3·864	− 4	...	...
...	+12·386	−18·708	− 4	...	..
...	12·589	+24·283	0·65	...	...
...	12·839	−49·106	− 5	...	...
...	13·674	+ 8·658	− 5	m	...
...	13·697	− 6·627	− 4	...	...
271					
*	+14·225	+33·048	1·15	42.6698	9·8
*	14·486	+11·486	1·20	42.6699	9·7
†	14·820	−55·924	− 4	...	...
*	15·096	−10·520	1·10	43.6596	9·4
*	15·439	−27·257	1·00	43.6597	9·8
..	+15·539	−27·472	− 4		
*	15·552	+19·654	1·20	42.6700	9·8
...	15·703	−11·495	− 4	...	...
‡	15·870	−59·836	1·10	43.6598	9·8
*	16·140	−18·697	1·00	43.6599	9·8
281					
..	+16·423	− 8·043	− 5	...	...
...	16·902	− 8·537	− 2	...	...
..	17·079	+54·911	0·75	41.6816	10·2
*	17·115	+38·131	1·30	42.6701	9·5
...	17·634	−38·603	− 5	.	...
.	+17·942	−26·821	− 5	.	...
.	18·028	−22·929	− 5	...	..
	18·652	+ 8·609	− 2	...	...
...	18·861	−24·355	0·80	43.6600	10·0
*	19·109	−14·449	1·00	43.6601	9·8
291					
...	+19·210	+38·[illegible]	− 4	...	.
.	19·423	−22·336	− 4	...	..
...	19·608	− 1·506	− 5	...	
†	19·864	+43·062	0·75	42.6702	10·5
*	21·199	−35·720	1·30	43.6602	9·2
...	+21·287	+10·926	0·90	42.6703	10·1
...	21·407	+33·630	− 5	...	...
...	22·091	+26·837	− 5	a	...
...	22·421	−31·505	− 4	...	...
..	22·591	+58·953	− 3	41.6821	10·4

301–360

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
301					
*	+22·641	+29·974	1·10	42.6704	10·0
...	22·783	+16·563	− 3	...	...
...	23·269	− 6·801	0·70	43.6603	10·2
...	23·334	−46·967	− 5	...	...
...	23·479	−42·082	− 5	...	...
...	+24·384	−10·188	− 2	...	...
*	24·411	−34·518	1·40	43.6604	9·0
*	24·516	+32·180	1·00	42.6705	10·5
...	24·541	−48·371	− 5	...	...
*	24·696	+33·331	1·00	42.6706	10·5
311					
†	+24·907	−23·888	− 5	...	...
...	25·085	− 4·557	− 4	...	...
...	25·438	+10·628	− 5	m	...
...	25·708	+22·502	− 5	m	...
...	26·190	+25·700	− 1	...	...
...	+26·543	−41·224	− 4	...	...
...	26·760	+16·987	− 5	b	...
...	27·174	−43·350	− 5	...	...
...	27·287	+12·920	− 4	a	...
...	27·601	−21·114	− 5	...	...
321					
...	+28·029	−27·436	− 4	...	...
*	28·068	+46·50[illegible]	1·00	42.6707	10·2
...	28·120	−53·427	− 5	...	...
...	28·343	−34·191	− 5	...	...
.	28·488	−41·073	− 5	...	...
..	+29·374	−44·081	− 5	...	...
...	29·509	−41·413	− 3	...	...
‡	29·880	+46·332	1·35	42.6708	9·2
...	30·325	−51·645	− 5	...	...
...	30·369	+ 5·767	− 3	...	...
331					
*	+30·491	+ 8·712	1·20	42.6709	9·8
...	30·605	+ 7·131	0·70	42.6710	10·6
...	30·743	−14·597	− 4	...	...
*	31·477	+30·698	1·30	42.6711	9·8
...	31·532	−43·887	0·70	...	...
S *	+31·613	−51·815	2·10	43.6605	8·4
...	31·749	+24·391	− 5	b	...
...	31·796	−55·[illegible]72	− 5	...	...
†	32·231	+19·566	1·10	42.6712	10·2
...	32·349	+ 2·181	− 3	...	...
341					
S *	+32·619	+15·439	1·75	42.6713	8·9
...	32·713	−48·416	− 4	...	...
..	32·881	+54·597	− 5	...	...
...	33·047	−18·404	− 1	...	...
...	33·342	−14·[illegible]94	− 1	43.6606	10·2
..	+33·[illegible]03	+18·[illegible]70	− 5	m	...
...	33·828	+56·500	− 5	b	...
...	34·345	+13·[illegible]00	− 5	m	...
*	34·605	+23·[illegible]72	1·35	42.6714	10·0
..	34·750	− 7·101	0·70	43.6607	10·2
351					
.	+34·[illegible]73	+ 5·954	− 5	m	...
†	34·912	−12·211	− 1	43.6608	10·2
...	34·991	+21·[illegible]17	− 1	..	...
*	35·305	−35·[illegible]50	1·75	43.6609	8·7
.	35·651	−15·022	− 5	...	...
...	+ 35·655	+23·488	− 1	...	...
...	35·735	+46·329	− 5	b	...
...	35·760	+ 7·217	− 5	m	...
...	35·994	− 3·148	− 5	...	...
...	36·102	+12·883	− 5	m	...

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	C.P.D. Mag.
361-390					
361					
...	+36·142	−21·664	− 1		...
...	36·770	+ 0·021	− 4		...
*	36·860	−24·670	1·00	43.6610	9·8
...	37·838	−14·198	− 3	..	..
...	37·907	+35·950	− 5	..	...
...	+38·000	−51·155	− 4	.	...
...	38·446	+ 39·176	− 4		...
...	38·734	−53·112	− 4	...	...
..	38·777	−57·405	− 5	...	..
...	39·063	−40·218	− 5		
371					
...	+39·460	+33·632	− 5	m	...
...	39·691	−20·788	− 4	...	...
..	40·005	−17·144	− 3	..	...
...	40·013	−39·840	0·65	43.6612	10·0
S *	40·272	− 7·115	2·45	43.6611	7·6
*	+40·404	+16·966	1·90	42.6715	9·0
...	40·578	+53·099	− 4	.	...
...	40·723	−54·354	− 5	.	..
...	40·882	−30·295	− 4	...	...
...	41·107	−17·343	− 4	.	...
381					
*	+41·667	+57·961	2·20	41.6836	9·0
*	41·909	+21·533	1·10	42.6716	10·0
...	42·058	+49·430	− 5	...	...
*	42·385	− 2·082	1·00	42.6717	10·2
...	42·814	− 2·555	0·65	..	..
...	+43·127	−25·162	− 5	.	...
...	43·513	+32·277	− 5	...	...
*	43·578	+17·493	1·15	42.6718	9·8
...	43·628	+ 5·693	− 3	...	...
...	43·692	−48·078	0·90	43.6613	9·8
391-420					
391					
..	+43·827	+37·3[illegible]	− 1	.	..
*	44·583	−27·89[illegible]	1·20	43.6614	9·4
...	45·056	+12·703	0·80	...	..
	45·167	−30·143	− 5		..
...	45·189	+34·706	− 5	..	...
..	+45·278	+55·399	− 3	41.6838	10·0
*	45·559	−33·415	1·00	43.6616	10·[illegible]
...	45·661	+57·176	− 5	.	...
..	45·979	+ 7·809	− 5	m	...
...	46·245	−18·273	− 2	...	.
401					
...	+46·341	−17·087	− 4		...
...	47·190	− 8·280	− 1	..	...
*	47·293	+17·148	1·30	42.6719	9·1
...	47·716	+33·230	− 4	...	...
...	47·745	+ 9·130	− 5	m	...
..	+47·835	+40·766	0·65	42.6720	10·0
...	48·371	−41·423	− 5	...	...
S *	48·382	+35·898	2·45	42.6721	8·2
...	48·540	− 8·869	− 5	...	...
...	48·584	+31·740	− 5	..	...
411					
...	+48·713	− 9·684	− 5	...	...
...	48·879	+ 3·895	− 5	...	...
†	48·969	+29·891	− 5	.	...
...	49·092	+ 5·271	0·65	..	...
*	49·188	−21·721	1·10	43.6618	9·4
...	+49·336	+ 2·318	− 5	m	...
...	49·395	−41·876	− 5	..	...
...	49·410	− 6·961	0·80	43.6617	10·2
...	49·614	+ 5·918	− 4	...	...
*	49·646	+33·875	1·00	42.6722	9·9
421-450					
421					
...	+50·034	+51·619	− 5	...	..
...	50·641	− 0·564	− 5	.	..
..	51·169	−25·291	− 3	...	..
...	51·646	−15·935	− 5	...	...
..	52·254	−14·936	− 5		...
..	+52·582	+ 0·204	− 5	e	..
...	52·615	+25·788	0·80	42.6723	10·0
...	52·650	+25·711	− 5	e	..
S *	52·643	−33·515	1·35	43.6619	9·4
..	52·685	−27·804	− 4	...	...
431					
..	+53·481	−41·832	− 4	..	...
*	54·658	+44·104	1·20	42.6724	9·4
...	55·049	+29·300	− 5	..	...
.	55·214	+32·93[illegible]	− 5	..	...
...	55·645	−36·267	− 5	..	...
...	+55·791	−46·414	− 5	..	...
..	56·303	−59·672	− 4	43.6620	10·0
*	56·462	+25·929	1·00	...	...
*	57·171	+ 0·588	1·00	..	...
...	57·236	+13·043	− 4	..	...
441					
...	+57·447	− 2·087	− 5	...	...
...	57·661	+25·875	− 5	..	...
.	57·760	−20·224	− 5	..	...
...	57·862	− 7·163	− 5	..	...
..	57·880	+ 8·554	− 5	e	...
...	+58·778	+33·684	− 3	42.6725	10·0
..	58·951	−25·718	− 5	...	...
...	59·098	−13·058	0·70	43.6621	10·2
...	59·399	+24·064	− 5	...	...
...	59·534	+ 3·789	− 5	e	...

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	C.P.D. Mag.
1-20					
1					
...	−60·117	−41·599	− 5	...	...
†	60·099	− 7·121	0·80	43.6617	10·2
*	59·901	−21·880	1·50	43.6618	9·4
...	59·112	−22·954	− 5	...	..
...	59·093	−42·030	− 5	...	...
...	−59·076	− 0·683	− 4	...	...
...	58·713	+17·421	− 5	M	...
...	58·597	+21·759	− 5	M	...
...	57·878	+25·701	0·80	42.6723	10·0
...	57·843	+25·655	− 5	E	...
11					
...	−57·810	−25·395	− 3	.	...
...	57·607	−16·015	− 5	..	...
...	57·343	−56·253	− 5	...	...
...	57·151	+ 0·137	− 5	E	...
†	57·047	−15·025	− 5	...	...
*	−56·399	+44·084	1·65	42.6724	9·4
...	56·214	−27·864	− 4	...	...
S *	56·076	−33·556	1·45	43.6619	9·4
...	55·871	− 5·682	− 5	...	...
...	55·615	+58·290	− 5	...	...
21-40					
21					
...	−55·551	+29·292	− 5	...	...
...	55·479	+32·928	− 4	...	...
...	55·021	−41·863	− 2	...	...
...	54·042	+25·967	0·65	...	...
...	54·040	−56·512	− 5	...	..
..	−53·473	+35·871	− 5	M	...
...	53·350	−54·183	− 4	...	...
...	53·002	−36·222	− 5	...	...
...	52·884	+13·103	− 4	...	...
...	52·861	+25·949	− 3	...	...
31					
*	−52·577	+ 0·656	1·05	...	...
...	52·567	−46·373	− 4	...	...
...	52·231	− 2·014	− 3	...	...
...	52·107	+ 8·637	− 4	E	...
...	51·947	+33·784	0·90	42.6725	10·0
...	−51·667	− 7·068	− 5	...	..
...	51·628	−59·614	0·65	43.6620	10·0
...	51·359	−20·133	− 4	..	...
...	51·067	+24·174	− 3	...	...
...	50·314	+ 3·926	− 5	E	...
41-60					
41					
†	−50·239	−12·922	0·65	43.6621	10·2
...	50·014	−25·590	− 5	...	...
...	49·800	+54·259	− 5	...	...
...	48·895	+ 8·921	− 5	M	...
..	48·718	+28·550	− 4	...	...
...	−48·674	−46·894	− 5	...	...
...	48·555	+16·271	− 3	...	...
...	48·025	+10·091	0·80	...	...
...	47·808	−10·692	0·65	...	..
...	47·801	−16·399	− 5	...	...
51					
*	−47·715	+14·549	1·35	42.6726	9·3
...	47·615	+41·537	0·80	...	...
...	47·285	−52·016	− 5	...	...
*	46·756	+18·354	1·10	42.6727	9·8
...	46·705	+53·031	− 3	...	...
...	−45·854	+12·041	− 2	..	...
...	45·708	−21·785	− 3	...	...
*	45·380	+20·648	0·95	...	...
†	45·104	+33·698	− 1	...	...
...	44·776	+10·211	− 3	...	...

B measured from 1, 131, [illegible], 428.
EW .. .. 6, 2[illegible], [illegible], 304.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
61–120					
61					
...	−44·771	− 3·501	0·75	...	...
*	44·733	+ 3·016	1·80	42.6728	9·0
·	44·598	−44·154	1·25	43.6623	9·6
*	44·118	−15·738	1·00	43.6624	10·0
...	44·034	−39·084	− 5	...	...
.	−44·032	+41·603	− 4	...	...
...	43·808	+ 3·548	− 3	A	...
..	43·357	+55·695	− 5	...	...
...	43·191	− 0·874	− 5	...	...
*	42·952	− 4·568	1·00	42.6729	10·2
71					
...	−42·728	+45·720	− 5	M	...
*	42·689	−14·431	1·60	43.6626	9·0
...	42·681	+23·245	− 5	M	...
.	42·446	−52·114	− 5	...	...
...	42·388	−40·953	0·65	43.6625	10·2
...	−42·106	+22·750	− 5	M	...
.	41·979	−58·491	− 4	...	...
S *	41·954	+19·185	2·95	42.6730	7·6
...	41·119	+ 7·090	− 5	M	...
...	40·776	+ 1·854	− 5	M	...
81					
...	−40·727	− 9·965	− 5	...	...
*	40·717	−39·241	1·20	43.6627	9·6
...	40·454	+12·822	− 5	...	...
†	40·151	+27·156	− 5	M	...
...	39·970	+14·143	− 5	M	...
...	−39·821	−45·946	− 5	...	...
...	39·637	−35·535	− 5	...	...
...	39·439	+ 2·528	− 2	...	...
...	39·318	+36·757	− 5	...	...
...	39·196	−48·762	− 5	...	...
91					
.	−39·101	− 0·695	− 5	...	...
...	38·932	−16·872	− 3	...	...
.	38·891	+ 3·449	− 4	B	...
...	38·684	−20·315	− 5	...	...
...	38·346	− 7·714	− 4	...	...
...	−38·259	+ 6·682	− 5	M	...
...	37·816	− 2·892	− 4	...	...
.	37·475	+53·114	1·30	42.6732	9·5
...	37·367	+11·468	0·70	...	...
*	37·057	+10·048	1·10		
101				42.6731	9·3
..	−36·958	+10·052	0·70		
..	36·485	− 9·296	− 5	...	...
...	36·381	−58·765	− 5	...	...
..	36·248	+26·398	− 4	...	...
...	35·9[illegible]	+47·710	− 5	M	...
...	−35·9[illegible]	+10·721	− 5	M	...
	35·625	+41·35[illegible]	− 5	M	...
	35·618	−29·123	1·05	43.6628	9·6
.	35·24[illegible]	−40·901	− 5	...	...
*	35·102	+16·320	1·30	42.6733	9·1
111					
*	−35·051	+24·622	0·70		
	34·542	− 4·645	− 1	...	...
*	34·45[illegible]	+[illegible]	1·00	...	...
...	34·062	+ 8·677	− 5	M	...
...	33·[illegible]	−13·[illegible]	0·65	...	...
...	−33·565	+27·228	− 4	...	...
.	33·55[illegible]	+51·[illegible]	− 5	...	...
..	33·102	+37·268	− 3	...	...
*	33·[illegible]	+11·[illegible]	1·1	42.6734	10·[illegible]
...	32·202	+26·290	− 5	M	...
121–180					
121					
...	−32·140	+14·644	− 5	° M	...
...	31·206	−11·048	− 4	...	...
*	31·012	+ 3·858	2·90	42.6735	7·6
...	30·906	− 8·724	− 5	...	...
..	30·841	+44·858	− 5	A	...
.	−30·632	+45·193	1·10	42.6736	10·0
...	30·513	−59·141	− 5	...	...
*	30·371	−16·936	1·10	43.6629	9·8
*	30·346	+ 6·589	1·10	42.6737	9·9
†	30·316	− 0·859	− 5	...	...
131					
...	−30·183	−39·007	− 4	...	...
...	29·962	+52·348	− 5	...	...
*	29·902	+36·570	1·10	42.6738	10·0
...	29·525	+50·743	− 3	...	...
...	29·043	+28·612	− 3	...	...
*	−28·772	−12·859	1·30	43.6630	9·2
S *	28·769	+25·859	2·70	42.6739	8·2
...	28·666	+19·631	− 5	M	...
...	28·248	−39·346	− 4	...	...
...	27·709	+15·556	− 2	...	...
141					
...	−27·701	+18·597	− 5	M	...
...	27·303	+38·431	− 5	...	...
...	26·935	+18·759	− 4	...	...
...	26·683	+51·679	− 5	...	...
..	26·451	+45·348	− 2	...	...
...	−26·423	−17·682	− 5	...	...
..	26·359	−15·532	− 5	.	...
...	26·280	+38·906	− 5	...	...
...	25·447	− 9·752	0·80	43.6632	10·0
...	25·172	−20·704	− 5	...	...
151					
†	−24·766	+44·663	− 4	..	..
...	24·576	− 5·684	− 5	.	...
...	24·155	+11·369	0·65		...
...	24·047	+ 5·201	− 2	...	...
..	23·993	−31·681	0·65	..	...
..	−23·937	−57·224	− 5	..	...
*	23·651	−38·496	1·10	43.6633	9·4
...	23·650	−26·465	− 4	...	...
*	23·357	−18·887	1·00	43.6634	9·6
...	22·949	−30·440	− 4	...	...
161					
...	−22·672	+20·889	− 3	.	...
...	22·535	+23·972	− 5	M	...
*	22·485	+40·136	1·55	42.6740	8·8
S	22·187	−37·141	2·10	43.6635	8·4
.	21·948	+29·042	− 5	...	...
	−21·898	+27·172	− 5	M	...
*	21·611	+51·625	1·[illegible]	42.6742	9·1
.	21·514	−38·927	− 5	.	...
	21·399	− 2·963	− 4	..	...
*	21·268	+17·553	1·00	42.6741	10·0
171					
.	−21·261	+42·400	− 4	..	.
	21·259	−41·389	− 5	...	...
	21·251	+58·759	0·70	..	.
...	21·199	+49·809	− 5	M	.
	21·062	+52·793	− 4	.	...
	−20·899	−11·747	0·70	43.6636	10·2
.	20·828	−22·260	− 5	...	...
*	20·757	− 0·410	1·10	42.6743	9·5
..	20·696	+12·202	0·65	...	...
...	20·654	−19·600	− 3	...	...
181 240					
181					
...	−19·961	− 3·770	− 5	° M	...
...	19·952	+46·298	− 4	...	...
...	19·898	− 1·399	− 5	M	...
*	19·708	+50·781	1·05	42.6744	9·8
*	19·085	−31·347	1·30	43.6637	9·4
...	−18·857	−24·065	− 4	...	...
...	18·773	− 1·647	− 5	...	...
..	18·723	−16·719	− 5	...	...
...	18·638	+ 3·098	− 1	...	...
...	18·318	+10·095	− 4	C	...
191					
...	−18·136	−45·300	− 1	...	...
	18·011	− 3·663	− 5	M	...
...	18·008	+18·027	− 5	M	...
...	17·909	−18·889	− 4	...	...
..	17·519	+22·433	− 4	...	...
...	−17·378	+40·913	− 4	...	...
...	17·220	−48·982	0·80	43.6638	10·2
*	17·087	+27·113	1·00	42.6745	9·8
†	16·733	−25·120	− 5	...	...
...	16·514	+10·441	− 5	...	...
201					
*	−16·198	− 0·911	2·00	42.6746	8·6
...	16·147	+40·193	0·75	...	...
*	15·869	+54·172	1·80	41.6865	9·1
	15·663	−17·281	− 4	...	...
...	15·554	−11·519	− 5	...	...
†	−15·390	−37·795	− 5	...	...
...	15·349	−10·925	− 5	.	...
...	15·196	−28·123	− 5		...
...	14·798	+38·613	− 4	..	...
...	14·724	−59·013	− 4	...	...
211					
*	−14·358	+ 2·202	1·00	...	...
*	14·114	− 6·882	1·10	43.6639	9·8
..	14·004	−24·571	− 4	...	...
..	13·590	−13·902	− 3	..	...
.	13·531	+ 1·843	− 5	M	...
.	−13·429	−19·428	1·10	43.6640	9·6
..	13·365	−28·311	− 5	...	...
...	12·322	− 9·605	− 5	...	...
..	12·131	−51·448	0·80	43.6641	10·2
...	12·127	+43·530	− 5	M	...
221					
...	−11·576	−28·264	− 5	...	...
...	11·346	+38·294	− 5	M	...
	11·288	+31·218	1·20	42.6747	9·3
	11·141	− 1·696	− 4	...	...
..	10·955	+38·303	− 5	...	...
.	−10·630	+53·465	− 5	B	...
.	10·365	+26·170	− 5	M	...
	10·175	−52·673	− 5	...	...
...	10·031	+48·189	− 5	...	...
*	9·800	+45·782	1·30		
231				42.6748	8·5
*	− 9·635	+45·703	1·40		
...	8·797	+56·551	− 2	41.6868	10·0
*	8·732	+ 3·516	2·00	42.6749	8·5
...	8·684	−52·129	− 3	...	...
...	8·598	−30·722	− 5	...	...
...	− 8·551	+57·834	− 5	...	
...	8·381	−39·810	− 5	...	..
	8·2[illegible]	−31·225	− 5	...	...
*	8·178	− 0·931	2·00	42.6751	9·4
*	8·118	− 4·737	1·00	42.6750	9·9

241–300

Notes.	Co-ordinates. x	Co-ordinates. y	Diam. −3.	C.P.D. No.	C.P.D. Mag.
241					
...	− 7'911	+13'476	− 5	°M	...
...	7·766	+18·022	− 5	M	...
*	7·676	− 1·092	1·40	42.6752	9·6
..	7·666	+12·074	− 4	M	...
...	7·658	+19·426	− 3	..	...
...	− 7·299	−37·291	− 5	..	...
...	7·214	−35·295	− 5	...	...
*	7·227	+38·745	2·00	42.6753	8·8
...	7·189	−36·111	− 5	..	...
...	7·159	− 0·864	0·70	...	...
251					
*	− 7·137	+53·422	1·10	42.6754	9·8
..	6·685	−28·053	− 5	...	...
...	6·462	+ 1·241	0·70	...	...
...	5·567	+51·519	− 4	..	...
‡	5·564	+ 9·744	1·10	42.6755	9·5
*	− 5·499	−31·288	1·20	43.6643	9·4
†	5·375	−31·712	− 4	...	...
‡	5·303	−15·915	1·50	43.6644	8·8
...	5·177	−16·034	− 5	*m*	...
...	5·157	−27·263	− 4	.	...
261					
...	− 4·995	−45·310	0·70	43.6645	10·4
Fm*	4·022	+ 0·307	1·50	42.6756	9·0
...	3·790	+10·841	− 4	*m*	...
...	3·751	− 8·537	0·70	...	...
...	3·266	−54·385	− 5	*m*	...
...	− 3·194	+58·958	− 3	41.6873	10·0
..	2·783	−22·798	− 5	*m*	...
...	2·720	+24·857	− 4	M *m*	...
...	2·522	+ 2·624	− 5	M *m*	...
...	2·031	+ 1·602	− 4	M *m*	...
271					
*	− 1·919	− 6·159	1·10	42.6757	9·6
...	1·701	+49·447	0·70	42.6758	9·9
‡	1·621	−35·246	1·10	43.6646	9·6
...	1·566	+18·869	− 4	M	...
...	1·475	+43·866	− 1	42.6759	10·0
*	− 1·316	+32·854	1·00	42.6760	10·0
...	0·876	−23·422	− 5	*m*	...
...	0·239	−33·629	− 3	...	...
*	0·192	−53·215	1·00	43.6648	9·9
*	0·186	−17·107	1·10	43.6649	9·6
281					
...	− 0·078	+ 5·437	− 4	M *m*	...
..	+ 0·072	+21·887	− 4	M *b*	...
...	0·152	−11·616	− 5	M *m*	...
...	0·513	+36·487	− 5	M *m*	...
...	0·727	+11·458	− 4	M *m*	...
...	+ 1·182	+13·878	− 5	M *m*	...
...	1·388	+52·038	− 2	...	...
..	1·759	+33·888	− 5	M *m*	..
...	2·014	+44·795	− 3	...	...
S *	2·147	−48·776	2·45	43.6650	8·3
291					
...	+ 2·177	+33·593	− 2	..	...
*	2·210	+45·798	1·10	42.6761	9·8
...	2·320	−10·155	− 5	*m*	...
...	2·330	+33·472	− 5	M *m*	...
...	2·553	+ 5·825	− 3	M	...
...	+ 2·597	+50·474	− 5	M *m*	...
...	2·602	+ 1·874	− 5	M *m*	...
...	2·716	+53·862	− 5	M	...
...	2·745	−44·228	− 5	*m*	...
S *	2·824	+58·483	2·20	41.6876	8·5

301–360

Notes.	Co-ordinates. x	Co-ordinates. y	Diam. −3.	C.P.D. No.	C.P.D. Mag.
301					
.	+ 2·889	+25·348	− 5	M *m*	...
...	3·020	+20·999	− 5	M *m*	...
...	3·036	−54·256	0·90	43.6651	10·2
.	3·237	−30·239	1·65	43.6652	8·5
...	3·554	−29·517	− 5	*m*	...
.	+ 3·604	+44·687	− 3	...	...
...	3·731	−12·781	− 3	*m*	...
..	3·963	−36·429	0·75	43.6654	10·4
*	3·970	+33·945	1·00	42.6762	10·0
...	4·069	+ 8·104	0·70	...	.
311					
...	+ 4·155	+55·760	− 4	...	...
...	4·163	−53·066	− 5	*m*	...
.	4·826	−51·979	− 5	*m*	..
...	4·994	−36·673	− 5	...	..
...	5·162	+37·160	− 5	...	....
*	+ 5·177	+18·597	1·10	42.6763	9·6
...	5·397	−48·721	0·75	43.6655	10·4
...	5·776	−56·251	− 1	...	...
...	5·877	+35·794	− 3	...	...
...	6·184	+ 5·969	− 4	*m*	...
321					
...	+ 6·633	−10·378	0·70	43.6656	10·4
.	6·656	+31·562	− 5	...	...
...	6·678	+17·990	− 4	*m*	...
..	6·695	+ 4·200	− 4	*m*	...
...	6·723	−42·156	0·75	43.6657	10·4
...	+ 7·055	+25·458	− 5	*m*	...
...	7·123	−48·778	− 5	*m*	...
...	7·486	−27·606	− 5	*m*	..
...	7·520	+49·714	− 4	*a*	...
...	7·626	−12·310	0·70	...	...
331					
*	+ 7·822	+ 7·936	1·00	...	...
*	7·862	+ 5·599	1·10	42.6764	9·6
...	7·889	−31·465	− 4	...	...
*	8·029	+38·384	3·00	42.6765	7·8
†	8·544	+59·477	− 4	...	...
..	+ 8·697	+10·098	− 5	*m*	...
.	8·851	+ 7·521	− 5	*m*	...
...	8·865	+42·635	0·70	...	...
...	8·939	−55·636	0·70	43.6658	10·0
...	9·684	+50·457	− 5	...	...
341					
...	+ 9·750	−11·509	− 1	...	...
...	9·831	+16·061	0·70	...	...
...	10·435	−43·147	− 5	*m*	...
...	10·908	−12·546	0·70	43.6660	10·4
...	11·037	− 7·326	− 3	*b*	...
...	+11·095	− 0·716	0·70	...	...
..	11·247	−16·943	− 5	*m*	...
*	11·278	− 2·862	1·00	42.6766	10·0
...	11·722	+51·796	0·85	42.6767	10·0
...	11·835	−11·918	− 5	*m*	...
351					
..	+11·919	− 5·851	− 2	...	...
...	11·952	+14·810	− 5	*m*	...
*	12·078	−23·567	1·05	43.6661	9·8
...	12·120	+ 8·716	− 1	...	...
*	12·140	+58·489	2·00	41.6881	8·8
*	+12·223	−45·040	1·80	43.6662	8·5
...	12·358	− 8·699	− 2	.	.
...	13·257	+44·223	− 4	...	...
...	13·301	−57·764	− 5	...	...
*	13·762	−46·650	1·00	43.6663	9·9

361–420

Notes.	Co-ordinates. x	Co-ordinates. y	Diam. −3.	C.P.D. No.	C.P.D. Mag.
361					
...	+14'202	+34'694	− 5	°*m*	..
...	14·321	−50·821	− 5	..	...
	14·507	− 0·619	− 5	*m*	...
..	14·527	−13·447	− 3	*c*	...
..	14·702	−46·909	− 4	...	...
.	+15·268	+ 3·143	− 5	*m*	...
...	15·298	−22·223	− 2	...	...
..	15·620	+13·861	− 5	*m*	...
...	15·663	+ 5·259	0·70	...	...
†	15·707	+19·657	− 1	42.6768	10·0
371					
...	+15·899	+15·314	− 5	*m*	...
...	15·989	− 8·097	− 4	*m*	...
*	16·323	−53·289	1·10	43.6664	9·8
*	16·652	+45·430	1·00	42.6769	9·9
...	16·711	+42·166	− 5	*m*	...
...	+16·910	+56·347	− 5	...	...
...	17·091	+34·723	− 5	*m*	...
...	17·678	−29·821	− 3	...	...
...	17·685	−33·774	− 5	*m*	...
...	17·937	−15·601	− 5	*m*	...
381					
...	+17·983	−47·778	− 4	...	...
..	18·222	+47·978	− 5	*m*	...
...	18·342	−18·695	− 5	*m*	...
...	18·396	+48·469	− 4	...	...
...	18·991	−55·088	− 5	...	...
†	+19·581	−35·442	− 5	*m*	..
†	19·767	+15·173	− 4	*a*	...
...	20·141	+ 2·870	− 5	*m*	..
...	20·203	+44·262	− 5	*m*	...
...	20·595	−22·576	− 5	*m*	...
391					
*	+20·774	−13·115	1·00	43.6666	10·0
*	21·297	+46·118	1·00	42.6770	9·8
..	22·036	−28·078	− 5	*m*	...
...	22·266	−44·113	0·65	43.6667	10·2
...	22·625	+41·229	− 5	...	...
...	+22·866	−33·115	− 5	*m*	...
...	23·220	+56·111	− 4	..	...
...	23·355	+23·044	0·90	...	...
*	23·384	+35·547	1·00	42.6771	9·8
...	23·599	+46·319	− 5	...	...
401					
*	+23·883	−45·771	1·00	43.6668	9·9
..	24·077	−18·008	− 5	*m*	...
..	24·175	+57·041	− 5	*m*	...
..	24·997	+15·492	− 5	*m*	...
...	25·161	−25·396	− 5	...	...
...	+25·210	+34·421	− 5	*m*	...
..	25·692	−20·651	− 2	43.6669	10·4
...	25·729	+28·169	− 5	*m*	...
*	25·787	−48·411	1·10	43.6670	9·9
*	25·921	+42·262	1·10	42.6772	9·6
411					
..	+26·054	+51·240	− 5	...	...
..	26·430	+13·655	− 4	*a*	...
...	26·645	− 6·671	− 3	...	...
...	27·148	−45·586	− 1	43.6671	10·2
...	27·310	+14·971	− 4	...	...
...	+27·377	−32·616	− 5	*m*	...
	27·464	−14·053	− 5	*m*	...
†	27·504	+14·530	− 5	*m*	...
*	27·535	+17·124	1·00	42.6773	10·0
...	27·921	+20·854	− 5	...	...

Notes.	Co-ordinates. x	Co-ordinates. y	Diam.	C.P.D. No.	C.P.D. Mag.
421-470					
421					
S *	+28·154	+ 7·[illegible]	1·30	42.6774	9·2
...	28·5[illegible]	−46·[illegible]	− 4	...	...
.	28·6[illegible]	+33·152	− 5	.	...
..	28·655	+30·587	− 2	..	..
...	28·702	+28·019	− 5	..	...
...	+29·294	+11·782	− 4	..	...
*	29·362	−38·740	1·10	43.6673	9·6
...	29·828	+45·20[illegible]	− 3	...	.
...	29·839	+12·595	− 5	m	...
...	29·974	−42·117	− 3	...	...
431					
...	+30·082	+47·853	− 4	...	...
...	30·204	+17·137	− 5	m	...
...	30·282	−44·709	0·90	43.6675	9·9
...	30·358	− 1·551	− 5	m	...
*	30·542	−48·580	1·50	43.6676	9·1
...	+30·661	+29·686	0·70	42.6775	10·0
...	30·839	+ 6·650	− 5	m	...
...	31·061	−34·797	− 5	m	...
...	31·107	+16·488	− 3	...	..
...	31·292	+12·143	− 5	m	...
441					
...	+31·311	+14·865	− 5	m	...
...	31·417	− 6·756	0·70	43.6677	10·0
..	31·658	+27·876	− 5	a	...
...	31·695	−56·125	− 2	43.6678	10·2
...	32·010	+ 2·278	0·70	..	...
...	+32·548	−10·025	− 4	...	...
..	32·795	+50·880	− 4	...	..
*	33·348	+28·328	1·40	42.6776	9·3
...	33·412	−23·123	0·70	43.6679	10·4
*	33·585	+58·091	1·30	41.6893	9·8
451					
...	+33·903	−40·458	− 3	.	...
..	33·955	− 8·433	− 4		...
...	34·021	− 4·897	0·70	42.6777	10·2
.	34·037	−22·049	0·80	43.6680	10·0
...	34·262	+15·[illegible]94	− 5	a	...
*	+35·231	−35·541	1·10	43.6681	9·7
...	35·437	− 8·538	− 5	a	...
..	35·454	−18·100	− 5	m	...
...	35·481	+41·962	− 5	a	...
...	35·824	+35·677	− 5	b	...
461					
...	+35·840	−21·6[illegible]	− 2		...
	35·841	+14·587	1·00	42.6778	9·6
...	35·919	−31·429	− 3		...
..	36·462	−30·039	− 4		...
.	36·514	+11·903	− 4		
...	36·535	+49·[illegible]37	0·90	42.6779	10·[illegible]
.	36·866	− 1·557	− 5		...
.	37·[illegible]23	−50·504	− 4		
...	37·[illegible]57	+10·253	− 5	a	...
...	3[illegible]·[illegible]5	+2[illegible]·916	0·75	..	..
471-520					
471					
...	+38·128	+21·537	− 3	..	...
*	38·221	+36·860	1·00	42.6780	9·9
.	38·257	− 4·416	1·00	42.6781	9·9
...	38·767	+ 6·307	− 4	m	...
*	38·833	−47·123	1·00	43.6682	9·9
...	+39·014	+10·627	− 5	m	...
.	39·073	−19·382	− 5	m	...
...	39·353	+15·627	0·80	...	...
*	39·416	+30·322	1·05	42.6782	9·8
...	39·971	+36·919	− 4	...	...
481					
...	+40·547	+25·259	− 4	a	...
*	40·712	+20·949	1·00	42.6783	9·8
...	40·796	+13·694	− 5	m	...
*	40·894	+39·194	1·00	42.6784	9·9
...	40·899	−50·889	0·65	43.6683	10·2
*	+40·921	+32·442	1·10	42.6785	9·6
...	41·220	+18·346	− 3	...	...
...	41·241	+ 8·749	− 3	..	...
S *	41·742	−56·192	2·10	43.6684	8·5
...	42·296	+26·001	− 5	m	...
491					
...	+42·473	+32·175	− 5	...	...
S *	42·579	+40·763	2·00	42.6786	8·8
...	42·715	−36·002	− 5	m	...
...	42·919	+19·631	− 5	..	...
...	43·454	+19·664	0·70	...	...
...	+43·481	−43·695	− 4	b	...
...	43·517	+25·840	− 1	..	...
...	43·589	+47·101	− 5	..	...
...	43·880	−19·475	− 3	...	...
*	43·890	+18·770	1·00	42.6787	10·0
501					
*	+44·337	+15·760	1·00	42.6788	9·9
...	44·339	− 9·408	− 5	m	...
...	44·411	+14·893	− 4	a	..
...	45·066	+19·972	0·70	...	.
...	45·078	+45·570	− 5	...	...
...	+45·084	−25·416	− 5	m	...
...	45·096	+16·609	− 5	..	...
...	45·178	−57·039	− 5	m	...
...	45·244	−23·471	− 5	m	...
...	45·357	+36·091	− 5		...
511					
...	+45·533	+47·156	− 5	m	...
...	45·678	+22·190	0·90		...
..	45·805	+50·226	− 5	...	...
...	45·813	+36·873	− 5	m	...
*	45·950	−17·242	1·10	43.6685	9·4
*	+45·967	−17·449	1·00	43.6686	9·8
..	46·102	+26·847	− 4		..
.	46·285	−20·681	0·90	43.6687	10·0
...	46·449	−34·[illegible]93	− 4		...
...	46·667	−57·648	− 5		...
521-567					
521					
...	+46·758	− 3·957	− 1	...	...
...	46·780	−24·819	− 5	...	..
a *	47·467	− 0·256	1·10	42.6789	9·5
...	47·846	−34·883	− 4	...	...
...	48·031	−18·196	− 5	m	...
*	+48·048	+ 8·651	1·10	42.6790	9·9
...	48·503	−57·134	− 5	m	...
...	48·851	−18·887	− 4	...	...
*	48·883	+ 5·652	1·20	42.6791	9·3
*	49·149	+ 6·674	2·80	42.6792	8·4
531					
‡	+49·364	−53·126	1·80	43.6688	9·1
...	49·366	−23·359	− 4	...	...
...	49·933	−59·651	− 2	43.6689	9·9
...	50·692	−55·372	− 5	...	...
*	50·892	+25·263	1·00	42.6793	10·0
...	+51·127	−43·477	− 5	m	...
...	51·246	+24·767	− 5	m	...
..	51·443	+16·208	0·90	...	..
...	51·988	− 6·433	0·80	42.6794	10·2
...	52·086	−52·326	− 5	m	...
541					
...	+52·157	+21·914	− 5	m	...
...	52·613	+20·588	− 3	...	...
...	52·808	−24·702	− 5	a	...
...	53·023	−31·493	− 4	43.6690	10·4
...	53·356	+28·461	− 5	m	...
...	+53·421	−12·650	0·90	43.6691	10·2
..	53·785	− 6·154	− 3	...	...
...	54·200	−25·508	− 5	a	...
‡	54·334	−45·568	1·10	43.6692	9·9
...	54·535	+54·121	− 5	...	...
551					
...	+54·542	+50·196	− 5	.	...
...	54·597	−10·144	− 4	...	...
...	54·820	+ 9·694	− 1	...	...
...	54·856	−57·333	− 5	...	...
...	54·918	−47·737	0·70	43.6693	9·9
...	+55·932	− 8·048	− 5	a	...
...	55·967	+49·003	0·70	42.6795	9·6
...	56·568	− 1·438	− 3	...	.
...	56·776	+32·612	− 5	...	...
S *	56·810	+15·060	1·53	42.6796	9·1
561					
...	+56·824	+10·610	− 5	m	...
...	57·213	−43·940	− 3	43.6695	10·0
...	57·499	+15·870	− 3	...	...
...	58·547	+2[illegible]·775	− 4	...	...
...	59·050	− 1·285	− 5	...	...
‡	+59·217	−43·327	1·10	43.6696	9·6
...	59·298	−2[illegible]·493	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	3.	No.	Mag.
1 60					
1					
...	−59·671	−23·506	− 4		...
...	59·595	+25·136	0·80	42·6793	10·0
*	58·795	−53·266	1·90	43.6688	9·1
...	58·784	+16·093	0·85	.	.
†	58·028	−59·773	− 4	43.6689	9·9
...	−57·744	+20·506	− 4	.	...
...	57·558	− 6·511	0·90	42.6794	10·2
..	57·380	−55·465	− 5	..	...
...	56·858	+54·097	− 5	...	.
...	56·191	−24·757	− 5	E	...
11					
*	−55·950	−12·676	1·00	43.6691	10·2
...	55·779	− 6·183	− 4	...	...
...	55·767	−31·538	− 4	43.6690	10·4
...	55·456	+ 9·557	− 4	..	..
†	55·241	+49·015	0·80	42.6795	9·6
†	−55·220	+ 9·686	− 5	...	...
...	54·957	+29·474	− 5	M	...
...	54·854	−10·138	− 4	...	...
...	54·778	−25·499	− 5	E	...
...	54·036	−45·560	0·95	43.6692	9·9
21					
...	−53·937	+32·646	− 5	.	...
...	53·556	− 8·010	− 5	E	.
...	53·381	−47·710	0·95	43.6693	9·9
S *	53·368	+15·105	1·53	42.6796	9·1
...	53·164	−57·304	− 5	..	...
...	−53·138	− 1·391	0·65	...	...
...	52·445	−33·417	− 5	M	...
..	52·011	+27·863	− 4	...	...
*	51·206	−43·843	1·00	43.6695	10·0
...	51·122	− 2·087	− 5	M	...
31					
...	−50·860	−27·121	− 5	M	..
...	50·671	− 1·164	− 3	...	...
*	50·344	+17·727	1·00	42.6797	10·0
†	50·238	+46·869	− 5	...	...
...	49·604	−27·338	− 3	.	...
...	−49·388	+26·361	− 3	...	...
*	49·222	−43·172	1·45	43.6696	9·6
...	49·083	+49·559	− 4	..	...
...	48·972	−45·278	− 5	M	...
...	48·942	−28·626	− 5	M	...
41					
...	−48·936	+23·699	− 5	M	...
*	48·347	+31·178	1·80	42.6798	9·3
*	47·886	+11·926	1·00	42.6799	9·9
...	47·846	+14·303	− 5	M	...
...	47·434	−41·397	− 5	M	...
*	−46·879	+31·452	1·60	42.6800	9·4
...	45·936	−57·681	− 5	..	...
α *	45·788	− 0·426	1·00	42.6801	10·0
...	45·659	+14·037	− 3	A	...
*	45·455	+ 4·553	1·80	42.6802	9·2
51					
...	−45·317	−16·260	− 5	M	...
...	44·895	−30·329	0·95	43.6700	9·9
†	44·816	+19·954	− 5	...	...
...	44·712	− 1·521	− 5	M	..
...	44·325	+28·554	− 2	...	...
...	−43·884	+29·151	− 5	...	...
...	43·803	−49·939	− 5	..	...
S *	43·424	− 8·468	3·05	43.6702	7·6
*	43·357	−58·447	1·40	43.6701	9·4
...	43·353	+27·961	− 4	..	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	3.	No.	Mag.
61 120					
61					
*	−42·826	−24·981	1·00	43·6703	9·9
...	42·793	−38·420	− 5	M	...
...	42·552	+12·030	− 3	..	...
	42·521	+ 1·047	− 5	M	...
...	42·452	−49·702	− 4	...	...
...	−41·834	+12·848	− 4	A	...
*	41·642	−31·943	1·10	43.6705	9·7
...	41·597	+35·804	− 5	M	...
...	41·125	−20·444	− 5	M	...
†	41·110	+ 0·501	− 5	n	...
71					
S *	−41·098	+44·939	2·55	42.6804	8·4
*	40·848	+ 4·246	1·20	42.6803	9·6
*	40·570	+54·390	1·05	41.6917	9·9
..	39·761	+33·519	− 1	..	...
...	39·638	+30·047	− 5	M	...
...	−39·143	−26·279	− 1	43.6707	10·2
...	39·115	+15·914	− 4	..	...
*	39·083	−10·775	1·00	43.6708	9·9
...	38·829	−25·964	− 4	...	...
...	38·779	+20·614	− 5	M	...
81					
*	−38·612	+ 5·599	1·00	...	...
...	38·598	+ 6·470	− 5	M	...
*	38·547	+34·410	1·00	42.6805	9·9
...	38·276	+32·953	− 5	M	.
...	38·236	+13·509	− 3	...	..
...	−38·184	+37·011	− 5	M	...
...	38·043	+45·084	− 5	M	...
...	37·566	−48·301	− 4	.	...
...	37·173	+56·644	0·70	...	...
...	36·850	−23·909	0·70	43.6709	10·2
91					
...	−36·718	−19·290	− 5	M	...
...	36·700	−13·051	− 5	M	...
...	36·619	+33·462	− 5	M	...
n	36·503	−21·567	− 3	43.6710	10·2
..	36·415	+21·210	− 4	...	...
n	−36·389	−21·583	− 4	43.6710	10·2
...	36·324	−20·733	− 3	...	...
...	35·824	−21·420	0·65	43.6711	10·2
...	35·410	−50·628	0·70	43.6712	10·0
..	35·403	− 6·764	− 4	B	...
101					
...	−35·281	−15·118	− 5	M	..
..	35·174	+43·029	− 5		..
†	35·173	+21·130	− 3	...	...
...	34·533	−41·718	− 3	.	...
...	34·481	−44·115	− 5	M	...
*	−34·094	−36·153	1·00	43.6713	9·9
*	33·831	+34·479	1·20	42.6806	9·5
*	33·506	+45·113	2·00	42.6807	8·8
...	32·900	−22·592	− 5	M	...
...	32·567	− 1·975	0·70	...	...
111					
...	−32·036	−57·420	− 4	...	..
..	31·964	−47·351	− 4	B	..
...	31·837	+42·510	− 4	...	...
...	31·769	+36·137	− 5	M	...
*	31·697	+ 0·312	1·00	42.6808	9·8
...	−31·685	+12·978	− 5	...	...
...	31·566	+ 0·424	− 5	M	...
...	31·358	−51·333	− 4	A	..
...	31·294	−31·113	− 5	...	.
...	31·211	− 1·774	− 4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	3.	No.	Mag.
121 180					
121					
...	−30·592	+30·602	0·90	42.6810	10·0
*	30·484	− 3·766	1·00	42.6809	10·0
.	30·374	−17·055	− 4	...	...
*	29·982	−12·036	1·00	43.6714	9·9
	29·981	−31·993	− 3	.	...
*	−29·569	+22·489	1·00	42.6811	9·9
	29·172	+10·776	− 4	B	...
..	27·845	+36·323	− 5	M	...
S *	27·738	−53·599	2·00	43.6715	9·2
...	27·514	+21·685	− 1	..	...
131					
.	−27·256	−30·425	− 4		...
..	27·162	− 3·117	− 3	..	...
	26·711	+11·157	− 5	M	...
...	26·628	+29·632	− 5	M	...
..	26·568	−45·474	− 3	...	...
...	−26·565	+ 2·579	− 5	M	...
...	26·372	−14·774	− 4	...	...
*	25·772	−59·332	1·15	43.6716	9·7
...	25·747	+ 5·568	− 5	M	...
...	25·590	+45·525	− 5	...	...
141					
...	−25·575	− 7·155	− 4	M	...
...	25·569	− 2·094	− 5	M	...
...	25·524	+44·191	− 5	M	...
..	25·438	−37·131	− 5	M	...
*	25·033	+55·751	1·10	41.6923	9·8
..	−25·012	−48·170	− 5	M	...
.	24·980	−15·919	0·70	43.6717	10·0
...	24·557	+29·126	0·70	...	...
...	24·247	−14·515	− 4	.	...
...	24·169	−59·505	− 4	...	..
151					
...	−23·708	+41·861	− 4	..	...
...	22·943	−37·411	0·70	43.6719	10·4
...	22·801	−29·973	− 4		...
.	22·554	+44·267	− 5	M	...
*	21·340	−52·602	1·30	43.6721	9·4
S *	−21·135	−18·391	2·55	43.6722	8·5
...	20·558	+16·266	− 5	M	...
N	20·092	+55·378	− 5	A	...
*	19·893	+24·669	1·50	42.6812	9·3
...	19·370	+34·066	− 5	M	...
161					
S *	−19·311	+25·042	1·75	42.6813	8·6
...	19·239	+ 4·875	− 5	M	...
.	19·143	+44·777	− 5	...	...
...	18·908	+22·298	− 5	M	...
...	18·756	+ 4·014	− 4	M	...
*	−18·244	− 1·064	1·00	42.6814	10·0
N †	18·209	+34·941	− 2	..	...
...	18·035	−26·143	− 5	M	...
...	17·955	−39·402	− 4	A	...
†	17·873	+ 9·973	− 5	M	...
171					
...	−17·842	−20·132	− 4	B	...
..	17·795	−31·811	− 2	43.6724	10·4
...	17·771	− 6·082	− 5	M	...
...	17·219	− 3·249	− 1	.	...
...	17·177	+12·681	− 3	...	...
..	−17·168	+36·165	− 1	...	...
...	17·137	−19·361	− 2	43.6725	10·4
...	17·094	+18·924	− 5	M	..
†	16·864	+53·554	1·10	42.6815	9·8
...	16·590	+13·369	0·70	...	...

EW measured from 1, 158, 361.
B ,, ,, 74, 254, 456.
94, 96. C.P.D., probably mass.
158. Var. l. = 9·5 − 12·0.
167. Obscured by tescum; 2nd line ... measured and corrected.

181–240

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
181					
*	−15·235	−27·154	1·00	43.6727	10·2
	16·231	−19·914	1·00	43.6728	9·8
.	15·528	−51·500	− 4	..	...
†	15·165	−28·758	0·95	43.6729	9·8
...	15·122	−47·701	− 4	...	...
*	−15·112	+11·858	1·00	...	...
*	15·071	−34·603	1·00	43.6730	9·8
...	14·629	+29·565	0·65	...	...
...	14·457	−19·227	− 5	M	..
...	14·393	−26·943	− 1	43.6734	10·4
191					
...	−14·293	−57·284	0·95	43.6731	10·0
*	14·278	−44·529	1·80	43.6733	8·9
...	14·014	+40·042	− 5	...	...
*	13·865	−24·155	1·00	43.6735	10·0
*	13·509	+17·869	1·00	42.6816	9·9
...	−13·440	+42·246	− 3	...	...
...	13·226	−31·761	− 5	...	...
...	13·197	+31·065	− 4	...	...
*	13·189	−50·907	1·70	43.6736	9·2
...	12·973	+19·182	− 2	...	...
201					
...	−12·937	−27·210	− 5	M	...
*	12·525	−24·715	2·20	43.6737	9·0
...	12·408	+49·414	− 5	M	...
...	12·340	−58·966	− 5	...	...
..	12·018	+44·264	− 5	M	..
..	−11·760	+31·744	0·65	..	...
...	11·751	+49·186	− 5	M	...
*	11·597	−29·283	1·00	43.6738	9·9
...	11·243	+13·182	− 5	M	...
...	11·071	+41·709	0·65	..	...
211					
*	−11·014	+59·371	1·25	41.6931	9·6
*	10·853	−46·505	1·00	43.6739	9·8
	10·822	−33·751	− 5	M	..
...	10·717	+37·934	− 5	M	...
...	10·125	+42·793	− 5	M	...
	− 9·732	−43·568	− 4	...	...
...	9·152	−33·977	0·70	43.6740	10·2
..	9·013	−25·576	− 4	..	..
...	8·774	+46·623	− 5	..	...
...	8·380	+14·400	− 5	M	..
221					
.	− 8·299	−50·281	− 5	M	
...	8·188	+54·380	− 5	...	..
	8·075	−12·992	− 5	M	.
	8·045	+36·664	− 5	...	...
...	7·990	+13·658	− 2	..	...
...	− 7·951	+17·448	− 4	...	
	7·872	+50·946	− 4	..	.
*	7·850	−58·847	1·80	43.6741	9·2
	7·287	+43·27[illegible]	− 3		
	7·228	− 3·488	− 4	M	
231					
	− 7·221	−19·367	− 3	B	
...	6·977	−37·954	− 5	...	.
...	6·812	+26·375	− 3		
...	6·479	+10·847	− 4	A	...
.	6·129	−52·723	− 5	M	
S	− 5·651	+35·528	3·3	42.6817	7·4
...	5·566	−17·943	− 5	M	...
†	5·[illegible]	−28·069	− 4	.	...
...	5·087	+ 8·370	− 1	.	...
...	4·77[illegible]	−32·811	− 5	M	...

241–300

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
241					
...	− 4·204	+51·222	− 5	M m	...
	4·153	+ 5·885	− 5	M m	...
...	4·057	+ 6·075	− 4	A m	...
.	4·013	−10·558	0·80	43.6743	10·2
	3·975	−52·649	− 5	M m	...
...	− 3·853	−20·094	− 5	M	...
.	3·755	+55·172	− 3	...	...
..	2·330	−59·359	− 3	...	...
...	2·172	− 5·821	− 4	M m	..
...	1·512	−32·108	− 5	M	..
251					
*	− 1·280	+33·807	1·00	...	..
...	1·119	−34·730	− 4	...	..
*	0·855	−21·614	1·00	43.6744	10·0
*	− 0·014	−46·676	1·00	43.6746	10·0
...	+ 0·045	+17·550	0·70	..	...
...	+ 0·434	−49·444	− 5	.	..
*	0·690	+49·063	1·10	42.6818	9·9
...	0·825	−16·448	− 5	M m	...
*	0·991	− 1·614	1·45	42.6819	9·3
‡	1·191	− 9·689	0·25	43.6747	4·8
261					
...	+ 1·283	+53·580	− 4	M	...
*	1·909	−44·940	1·10	43.6748	9·7
...	2·014	− 7·041	− 5	M m	...
.	2·562	−58·652	− 5	...	...
..	2·642	−45·188	0·70	43.6749	10·0
*	+ 2·779	−46·813	1·10	43.6750	9·8
..	3·003	−13·681	− 5	M m	...
...	3·494	−20·295	− 5	M m	...
...	3·774	− 8·257	− 5	M m	...
...	3·813	+ 3·244	0·70	...	...
271					
...	+ 4·283	− 8·086	− 5	M m	...
*	4·739	+ 9·712	1·80	42.6820	8·8
*	5·023	− 3·593	1·30	42.6821	9·5
..	5·226	+36·467	0·70	...	...
...	5·277	−38·052	− 5	M m	..
...	+ 5·355	− 6·996	− 5	m	..
...	5·429	+ 9·778	− 5	m	...
..	5·499	+ 9·384	0·70	...	...
..	5·773	−47·720	− 5	m	...
..	5·817	− 8·781	− 4	...	...
281					
..	+ 5·836	−27·267	− 4	..	..
.	5·904	−31·898	− 4	...	..
...	6·440	+41·695	− 5	m	...
	6·542	− 1·737	0·65	...	
.	6·627	−13·536	− 5	m	...
	+ 6·673	−47·422	0·80	43.6751	9·9
.	6·757	+35·564	0·65	..	...
	6·930	+39·200	− 2	...	...
.	7·146	−44·601	− 3	...	...
..	7·402	+ 5·266	− 3	...	
291					
...	+ 7·438	+47·578	− 3	.	.
...	7·488	+18·761	− 5	m	...
*	7·674	−52·239	1·30	43.6752	9·7
...	7·772	− 9·423	0·70	43.6753	10·2
...	7·853	−43·062	− 5	...	...
...	+ 7·866	−35·374	− 5	m	..
*	8·214	−22·804	1·20	43.6754	9·4
*	8·280	−24·074	1·50	43.6755	9·0
...	8·496	−52·448	− 5	..	...
...	8·716	+24·015	− 4	a	...

301–360

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
301					
...	+ 8·865	+24·879	− 4	...	...
...	9·010	+46·308	− 5	..	...
N	9·065	−23·480	− 2	43.6756	10·0
N	9·138	−23·533	− 2		
...	9·357	−44·615	− 5	m	...
...	+ 9·448	+ 6·757	− 1	...	...
*	9·455	+ 8·525	1·00	42.6822	10·0
...	10·400	+ 3·712	− 4	a	...
..	10·413	+41·424	0·90	...	...
..	10·647	+25·794	0·80	42.6823	10·0
311					
..	+10·782	−31·793	0·70	43.6758	10·2
...	10·997	−23·416	− 4	...	...
..	11·186	−40·941	− 4	...	...
.	11·892	−37·439	− 3	...	...
...	11·912	+12·860	0·70	...	...
...	+11·913	−18·163	− 5	m	...
..	12·348	− 8·684	− 4	...	...
...	12·602	−15·971	− 5	m	...
...	12·696	+ 6·479	0·65	...	...
†	12·989	−14·880	− 3	...	...
321					
...	+13·325	+34·260	0·65	...	...
.	13·394	−34·192	− 5	...	...
...	13·552	−40·138	− 3	43.6759	10·4
...	13·558	−41·671	− 5	m	...
*	13·682	−26·673	1·00	43.6760	10·0
...	+13·940	+11·758	− 3	...	...
...	14·092	−41·851	− 5	m	...
...	14·322	+37·861	0·90	42.6824	10·0
...	14·536	−22·151	− 2	43.6761	10·4
...	14·537	+25·330	− 5	m	...
331					
...	+14·719	+40·652	0·80	42.6825	10·0
.	14·747	−19·514	− 5	m	...
...	14·908	+30·809	− 5	m	...
...	15·648	−49·198	− 5	...	..
..	15·700	+22·838	− 5	m	...
.	+15·712	+16·481	− 5	m	..
..	15·850	+ 0·618	− 5	m	...
..	15·961	+27·740	0·90	...	..
...	16·344	+53·606	− 5	b	...
...	16·443	− 1·308	− 2	...	...
341					
...	+16·529	−38·514	− 3	...	...
S *	16·778	−19·078	2·58	43.6762	8·1
...	16·790	−48·106	− 3	...	...
...	17·020	+41·078	0·80	42.6826	10·0
..	17·237	+ 6·558	0·80	...	...
...	+17·311	− 1·715	− 2	...	...
	17·334	+ 0·615	− 5	m	...
...	17·410	+32·889	− 1	...	...
	17·417	−34·989	− 1	43.6764	10·2
.	17·545	+ 2·873	− 3	...	...
351					
..	+17·642	−35·696	− 2	...	...
...	18·111	+40·234	0·70	...	...
*	18·460	−20·114	1·40	43.6765	9·2
S ‡	18·501	+54·995	1·40	41.6948	9·4
.	18·579	−12·823	− 5	m	...
..	+18·622	−57·053	− 4	...	...
...	18·632	−35·790	− 4	...	...
..	18·711	−47·794	− 4	...	...
*	19·065	−17·721	1·40	43.6766	9·2
*	19·450	−12·020	1·20	43.6767	9·3

[illegible] mass.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y	z	No.	Mag.
361-420					
361					
...	+19·884	+51·016	− 4	..	..
...	20·012	+35·136	− 4	a	...
...	20·037	−12·973	− 2	..	...
*	20·085	−29·986	1·80	43.6768	8·9
...	20·248	−51·671	− 5	m	...
*	+20·305	+33·557	1·00	42.6827	10·0
...	20·409	−20·476	− 5	m	...
*	20·447	−37·713	1·00	43.6769	10·0
..	20·774	+ 0·383	− 3	a	.
...	20·805	−26·602	− 5	m	..
371					
...	+21·836	−13·721	− 2	a	..
...	22·914	+50·508	− 4	...	...
...	23·399	+22·285	− 5	m	...
...	23·606	−40·437	− 5	...	
...	23·610	+19·501	− 5	m	..
...	+24·075	+33·852	− 5	m	...
...	24·134	− 3·317	− 3	a	...
...	24·381	+26·476	− 5	m	...
S *	24·843	+14·782	2·10	42.6828	8·7
*	24·892	− 0·382	1·10	42.6829	9·6
381					
...	+25·166	−18·749	0·90	43.6771	10·0
...	25·573	+58·081	− 5	...	...
*	25·719	+17·990	1·00	42.6830	10·0
..	25·781	− 3·107	− 1	...	...
*	25·947	−34·402	1·40	43.6772	9·7
...	+26·000	+40·834	− 5	m	...
...	26·032	−29·348	− 4	...	...
...	26·335	−52·912	− 5	...	...
*	26·369	+36·962	1·00	42.6831	10·0
...	26·440	−19·604	0·90	43.6773	10·2
391					
*	+26·951	−11·400	2·00	43.6774	8·7
...	27·652	− 8·329	− 4	...	...
...	27·815	+28·445	− 5	m	...
*	27·847	+11·234	1·00	42.6832	10·0
...	28·050	+44·310	0·90	42.6833	10·0
...	+28·067	+29·928	− 5	m	...
*	28·397	+ 3·501	1·10	42.6834	9·8
*	28·450	−48·863	1·10	43.6775	9·7
†	28·787	+34·968	− 5	m	...
...	28·802	+ 0·622	− 1	...	..
401					
...	+28·991	− 0·668	− 5	m	..
...	29·007	+46·935	− 4	...	...
...	29·257	−23·040	0·70	...	...
...	29·355	− 7·683	− 5	m	...
..	29·506	−50·622	− 5	...	...
*	+29·536	+32·508	1·00	42.6835	9·4
†	29·720	−31·134	− 4	...	...
...	30·207	+26·386	− 5	m	...
...	30·622	−40·729	− 3	...	.
*	30·791	+31·756	1·00	...	...
411					
...	+30·866	+25·614	− 5	m	...
*	30·963	−21·615	1·00	43.6776	9·9
...	31·766	−10·646	− 3	...	...
...	31·858	−39·240	− 4	...	...
*	32·001	+31·448	1·80	42.6836	9·3
...	+32·304	+38·492	− 4	...	...
...	32·701	+28·655	− 5	m	...
...	32·869	+50·771	− 2	...	...
...	33·021	−21·683	− 4	...	...
...	33·415	−21·784	0·65	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y	z	No.	Mag.
421-480					
421					
*	+33·439	−23·607	1·00	43.6777	9·9
...	33·477	+ 2·964	− 5	.	...
*	33·48	−49·525	1·30	43.6778	9·6
	33·520	+20·385	− 3		...
...	33·774	+50·671	− 5	..	...
...	+33·941	−29·998	− 3	...	...
.	34·040	−33·164	− 1	43.6779	10·2
.	34·049	− 6·589	− 5	m	...
..	34·054	−42·151	− 5	...	...
...	34·295	+25·896	0·80	...	...
431					
†	+34·489	+16·083	− 3	...	...
...	34·856	+38·404	− 5	...	.
...	34·928	+ 1·794	− 4	b	...
	34·996	+ 4·582	− 3	..	..
.	35·169	+ 4·333	− 3	...	..
...	+35·296	−56·688	0·70	43.6781	10·2
	35·462	−21·497	0·90	43.6780	10·4
.	35·668	+ 5·585	− 2	...	...
*	36·100	−33·977	1·00	43.6782	9·8
...	36·445	−34·031	− 5	m	...
441					
...	+36·509	−13·649	− 4	b	
*	36·824	+21·634	1·00		...
...	37·004	+ 2·720	0·70		..
...	37·392	+27·490	− 3		..
...	37·395	+33·606	− 2		..
...	+37·398	−36·980	− 4		..
...	37·408	+11·292	− 5	m	..
..	37·884	−29·990	− 5	m	...
*	38·037	− 5·374	1·50	42.6837	9·4
*	38·352	−31·281	1·20	43.6783	9·7
451					
*	+38·548	+ 3·886	1·10	42.6838	9·8
*	38·597	− 5·931	1·00	42.6839	10·0
..	38·609	+36·129	− 4	...	...
...	38·776	−19·336	− 5	m	...
*	39·396	− 0·621	1·00	42.6840	10·0
†	+39·627	− 3·205	− 5	m	...
...	39·672	− 1·345	− 4	...	...
..	40·306	−15·539	− 1	43.6784	10·2
...	40·726	−16·054	− 2	...	...
..	40·878	−27·842	− 5	m	...
461					
...	+40·904	−17·783	− 5	...	...
...	40·905	−12·242	− 3	...	...
...	41·169	−49·398	− 3	...	...
S *	41·442	−55·855	3·00	43.6785	8·0
..	41·547	− 2·359	− 4	b	...
*	+41·974	+28·250	1·30	42.6841	9·5
...	42·276	−56·520	− 5	...	...
.	42·950	−46·669	1·10	43.6787	9·8
*	42·960	−59·383	2·45	43.6786	9·0
*	43·263	−41·451	1·10	43.6788	9·9
471					
...	+43·376	−30·957	− 3	...	...
..	43·605	−59·027	− 5	...	...
..	44·276	−58·742	− 3	43.6789	10·2
...	44·344	+12·240	− 5	m	...
...	44·977	−42·018	− 5	m	...
...	+45·139	−17·917	− 4	...	.
...	45·595	−11·283	− 2	...	.
...	46·040	−55·185	− 5	m	.
...	46·218	+ 8·106	− 4	...	...
...	46·377	−42·542	− 5	m	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y	z.	No.	Mag.
481-535					
481					
.	+46·935	−23·608	− 5	...	...
...	46·940	−49·089	− 4	43.6790	10·4
*	47·129	+25·174	1·00	42.6842	10·0
*	47·815	−40·141	2·50	43.6791	8·9
...	48·464	−41·574	− 5	m	...
*	+48·476	−39·321	1·60	43.6792	9·1
*	48·651	−58·557	1·20	43.6793	9·8
...	48·709	+10·595	− 5	m	...
..	48·740	+ 0·371	− 4	...	.
...	48·758	+40·953	− 4	...	...
491					
...	+48·772	+17·715	− 5	m	...
*	48·938	− 2·969	1·00	...	...
†	48·946	+ 5·166	0·80	42.6843	10·0
	49·796	− 2·974	0·65	...	...
...	49·910	+16·314	− 3	...	...
...	+50·417	+43·933	− 4	..	...
S *	50·473	−41·536	2·80	43.6794	8·2
.	50·867	−24·268	− 4	..	...
...	50·929	−27·755	− 5	m	..
...	51·479	−21·712	− 5	m	...
501					
...	+51·953	− 7·297	− 2	...	..
	52·141	+45·366	− 2	.	..
...	52·162	+23·561	− 5	.	...
...	52·873	+56·902	− 4	...	.
.	53·002	−12·468	− 3	...	...
*	+53·135	+52·062	2·60	42.6844	8·6
.	53·150	−52·755	0·90	43.6796	9·8
	53·183	−33·675	− 5	...	...
...	53·236	+27·275	− 4	...	...
*	53·274	−28·360	1·45	43.6795	9·4
511					
...	+54·106	+ 5·033	− 5	...	...
*	54·143	+52·034	1·40	42.6845	9·6
...	54·332	+42·093	− 5	.	...
	54·391	−18·204	− 5	/	...
*	54·526	+ 3·670	0·80	42.6846	10·0
...	+54·846	+28·766	− 4	...	...
S	55·292	− 3·466	2·30	42.6847	8·4
..	55·749	+32·601	− 5	...	...
	55·814	−42·212	1·10	43.6798	9·8
...	55·871	+ 7·087	− 5	e	...
521					
..	+55·925	−47·955	− 5	..	...
...	56·200	+43·857	− 3	..	...
...	56·363	+55·456	− 5	...	...
...	56·603	+51·494	− 3	42.6848	10·0
.	57·241	− 9·690	0·75	43.6799	10·2
...	+57·462	−31·177	− 4	...	...
.	57·672	+22·586	− 4	...	...
..	57·747	− 5·442	− 5	e	...
..	57·807	−33·807	− 5	...	...
...	57·841	−39·502	0·70	43.6800	10·0
531					
...	+58·111	−37·387	− 4	...	...
...	58·564	− 1·541	− 4	...	...
	58·707	+ 5·482	1·10	42.6849	10·0
...	59·012	−13·328	− 5	e	...
...	59·438	+ 2·555	− 5	e	...

1–60

Notes.	Co-ordinates. x.	y.	Diam. −4.	C.P.D. No.	Mag.
1					
..	−59·338	−58·736	0·85	43·6793	9·8
...	58·463	+45·248	− 4	.	...
..	58·347	−58·812	− 5	...	..
..	58·289	+23·460	− 5	...	..
*	57·147	+51·988	2·15	42.6844	8·6
...	−58·145	−24·395	− 5	...	..
S *	58·014	−41·657	2·45	43.6791	8·2
.	57·544	− 7·387	− 2	..	...
...	57·321	+27·206	− 4	...	.
*	57·163	+51·985	1·20	42.6845	9·6
11					
...	−56·359	−12·515	− 5		
...	55·768	+ 5·010	− 4		..
...	55·765	+28·750	− 5	.	..
*	55·603	−28·480	1·15	43.6795	9·4
...	55·531	−33·717	− 5	..	...
*	−55·310	+ 3·052	1·00	42.6846	10·0
	55·029	+55·478	− 4	...	...
..	55·008	−52·784	0·95	43.6796	9·8
..	54·969	+32·601	− 5	...	..
†	54·827	+43·861	− 5	...	...
21					
...	−54·806	−18·205	− 5	E	...
..	54·644	+51·530	− 4	42.6848	10·0
.	54·642	+ 3·653	− 5	M	...
S *	54·326	− 3·456	1·80	42.6847	8·4
...	54·072	+ 7·109	− 5	E	...
..	−53·353	− 4·950	− 5	M	...
	52·719	+22·652	− 5		...
*	52·644	−42·170	1·00	43.6798	9·8
..	52·370	−47·915	− 5	.	..
...	52·206	− 9·622	0·80	43.6799	10·2
31					
...	−51·821	− 5·362	− 5	E	
...	51·347	−31·099	− 3	...	...
*	51·183	+ 5·597	1·00	42.6849	10·0
...	51·111	− 1·431	− 2	...	...
*	51·050	+56·293	2·70	41.6966	7·7
..	−50·911	−33·711	− 5	..	...
	50·700	−39·412	0·85	43.6800	10·0
...	50·517	−37·291	− 5	...	...
..	50·389	+ 2·991	− 5	E	..
*	50·323	+48·816	1·50	42.6850	8·8
41					
.	−50·310	−13·200	− 5	E	...
.	50·028	− 4·230	− 5	M	...
...	50·023	+12·843	− 5		.
.	49·624	+20·903	− 5		..
...	49·569	−27·092	− 5		..
...	−49·467	− 3·783	− 2	...	.
...	49·319	+23·663	0·70	...	...
	48·708	−12·515	− 1	43.6802	10·0
...	48·552	+49·587	− 5		.
	48·177	+ 5·173	1·20	42.6851	10·0
51					
*	−48·088	−11·945	1·15	43.6803	9·4
	47·796	−18·413	− 5		...
...	47·734	−25·902	− 5	..	...
.	47·[illegible]	− 1·274	− 5	M	
	47·[illegible]	−34·342	− 5	M	
N	−46·215	−11·[illegible]	− 5		
N	46·158	−11·[illegible]	− 5	...	..
...	45·[illegible]	+14·[illegible]	− 5	M	..
...	45·602	+35·415	− 3		...
	45·[illegible]	−58·668	− 3	43.6804	10·2

61–120

Notes.	Co-ordinates. x.	y.	Diam. −4.	C.P.D. No.	Mag.
61					
...	−45·591	+22·942	0·80	..	...
...	45·253	+ 2·052	− 5	M	...
‡	44·790	+36·773	1·05	42.6852	9·6
	44·408	+ 9·655	− 4	..	..
	44·256	+45·159	− 3	...	...
...	−44·194	−42·401	0·80	43.6805	10·0
.	43·962	+11·045	− 3	..	..
*	43·877	+22·836	1·00	...	...
..	43·467	−23·151	− 5	B	...
..	43·422	−26·216	− 3	..	..
71					
.	−43·376	−23·160	− 5	B	..
.	43·288	+34·248	− 4	..	...
*	42·923	+ 8·202	1·10	42.6853	9·8
...	42·725	−51·399	− 4	43.6806	10·4
...	42·249	− 1·569	− 3	...	...
*	−41·549	+54·097	2·70	43.6972	7·4
..	41·543	+ 4·913	− 5	M	...
*	41·460	−42·630	1·00	41.6807	10·0
...	41·183	+21·285	− 5	...	...
...	40·964	+40·271	− 5	B	...
81					
...	−40·926	−28·653	− 5	..	...
	40·617	+12·713	− 5	..	...
..	40·410	−51·004	− 3	43.6809	10·2
...	40·346	+ 4·774	− 5	M	...
*	40·204	+19·720	1·00	42.6854	10·0
..	−39·752	+35·853	− 5	...	...
...	39·590	+38·065	− 4	..	...
...	39·259	+54·107	− 5	...	...
...	39·024	+39·787	0·90	42.6855	10·0
..	38·833	+29·538	− 5	.	...
91					
...	−38·654	−39·633	0·75	...	..
..	37·664	+ 1·370	− 3	..	...
...	36·832	+22·980	− 5	M	...
.	36·735	+37·149	− 1	...	...
.	36·152	+37·547	− 5		...
...	−35·865	+52·589	− 2	...	...
..	35·827	+59·667	− 5	..	...
...	35·608	−28·235	− 4	...	...
*	35·501	−49·489	1·20	43.6811	9·7
..	35·424	+31·060	− 5	M	...
101					
..	−35·261	+54·291	0·75	41.6975	10·0
..	35·105	+ 9·745	− 5	M	...
*	35·045	+29·894	1·00	...	...
.	34·695	+ 1·186	− 5	M	...
.	34·296	+17·055	− 5	.	...
...	−34·262	+41·064	0·75	...	...
..	34·189	−55·204	− 5	..	...
..	33·592	−21·197	− 5	..	...
*	33·282	+16·017	8·50	42.6856	4·6
...	33·043	− 2·163	− 5	M	..
111					
	−32·679	+ 0·385	− 5	M	...
...	32·650	−46·147	− 5	...	..
...	32·629	−25·036	0·65	...	...
...	32·607	−48·717	− 5	..	...
...	32·413	−24·002	− 5	...	...
.	−32·000	−22·233	− 5	M	...
*	31·878	−32·140	1·05	43.6812	9·6
..	31·873	−23·529	− 5	M	...
..	31·541	+ 6·635	− 3	...	..
..	31·271	+ 37·198	− 4	.	...

121–180

Notes.	Co-ordinates. x.	y.	Diam. −4.	C.P.D. No.	Mag.
121					
..	−31·243	+15·835	− 4		...
..	31·057	−18·455	− 3	..	...
..	30·721	+25·713	− 5	M	...
...	30·615	−13·197	− 1		...
..	30·372	+ 0·841	− 1		...
†	−30·197	−59·571	− 5	.	...
...	30·178	+28·877	− 4	.	...
...	30·120	+ 4·942	0·75	.	...
...	30·084	+15·486	− 2	.	...
*	29·560	+28·296	1·00	...	...
131					
*	−29·468	+ 8·284	1·10	42.6857	9·9
...	29·278	−26·529	− 5	M	...
*	29·135	−27·242	1·15	43.6813	9·4
*	28·935	−16·208	1·00	43.6814	9·9
...	28·804	+17·128	− 5	...	...
...	−28·377	−34·403	− 2	43.6815	10·4
*	28·261	+20·969	1·05	42.6858	9·8
...	28·128	− 8·110	0·85	43.6816	10·0
..	27·847	+27·365	− 3	...	...
*	27·837	−17·076	1·00	43.6817	9·8
141					
...	−27·825	−25·947	− 5	.	...
...	27·709	+35·424	− 5	..	...
...	27·698	+44·492	− 3	...	...
...	27·685	+35·593	− 5	...	...
S *	27·541	+49·665	1·60	42.6859	8·5
...	−26·841	−11·544	− 5	...	...
...	26·590	−40·698	− 4	...	...
...	26·543	−20·827	− 1	...	...
...	26·509	+45·315	− 5	.	..
...	26·394	+15·638	− 5	...	...
151					
...	−25·929	+44·157	− 3	...	...
...	25·736	−39·096	− 3	...	...
*	25·534	+31·939	1·35	42.6860	8·8
...	25·341	−47·151	− 5	..	..
...	25·138	+21·077	− 4	..	...
...	−25·132	−11·446	− 5	M	...
...	25·007	−41·420	− 4	...	...
*	24·643	− 4·349	2·80	42.6861	7·4
...	24·625	−11·052	0·65	43.6818	10·4
*	24·569	+34·459	1·00	42.6862	9·9
161					
...	−24·298	+ 3·429	− 1	...	...
...	24·085	−34·872	− 5	M	...
..	23·804	+41·133	− 4	...	...
...	23·716	+40·666	− 5	M	...
*	23·240	+14·358	3·10	42.6863	7·0
...	−23·075	+11·291	− 5	M	...
..	22·790	−17·674	− 2	43.6819	10·2
.	22·764	+38·706	− 5	B	...
...	22·761	+38·601	− 5	...	.
..	22·528	−38·232	− 3	..	...
171					
*	−22·162	−41·295	1·00	43.6820	9·9
...	21·724	−55·191	− 2	43.6821	10·2
..	21·636	+ 2·842	− 5	M	...
...	21·449	−27·470	− 5	M	...
...	21·313	+13·847	− 2	...	...
..	−21·[illegible]	−19·951	− 5	M	...
...	20·717	+ 4·419	− 3	...	...
..	20·629	−14·332	− 4	...	...
...	20·569	− 7·601	− 5	M	...
S ‡	19·822	−24·540	2·35	43.6822	7·5

S measured from 1, 86, 181 ... 313, 415, 511.
SB ,, ,, 44, 13 ... 245, 305, 472, 558.

50, 57, 44 '90, Brass.

181–240

Notes.	Co-ordinates. x.	y.	Diam. 4.	C.P.D. No.	Mag.
181					
...	−19·667	+ 1·635	− 5	M	...
...	19·666	+44·781	− 1	...	...
...	19·589	+ 3·032	− 3	...	...
...	19·004	+46·298	− 5	...	...
...	18·952	+40·732	− 5	M	...
...	−18·856	−22·574	− 5	M	...
...	18·680	−44·249	− 3	...	...
...	18·547	+24·398	− 5	M	...
*	18·508	+25·007	1·10	42.6864	9·3
...	18·314	+41·224	− 4	...	...
191					
*	−17·997	+34·904	1·10	42.6865	9·8
.	17·946	+ 5·474	0·80	...	...
...	17·787	− 6·117	− 3	...	...
..	17·715	+16·767	− 3	.	...
...	17·687	−41·215	− 5	.	...
...	−17·520	−48·546	− 3	...	...
...	16·941	−53·441	0·65	43.6824	10·4
...	16·793	−12·005	− 4	...	...
...	16·749	−45·533	0·80	43.6825	10·2
...	16·470	− 4·262	− 4	B	...
201					
...	−16·082	−38·999	− 3	...	...
...	15·703	−55·832	− 5	...	...
...	15·623	+57·947	− 2	...	...
...	15·094	+43·299	0·80	...	...
‡	14·989	+16·509	1·25	42.6866	9·0
...	−14·341	−19·404	− 5	M	...
...	14·166	−33·420	− 4	...	...
...	14·126	+28·144	− 1	...	...
...	14·088	−10·518	− 5	M	...
...	13·972	+22·348	0·70	...	...
211					
*	−13·931	−20·557	1·00	43.6827	9·9
...	13·802	+11·006	− 5	M	...
...	13·601	−40·538	− 5	M	...
...	13·480	−43·483	− 4	...	...
...	13·406	−32·745	− 5	M	...
...	−13·346	+ 2·096	− 3	B	...
*	13·180	+18·697	1·05	42.6867	9·6
...	13·036	−14·862	− 5	M	...
...	12·774	−28·823	− 5	M	...
...	12·739	+33·099	0·80	...	...
221					
...	−12·505	−32·561	0·85	43.6828	10·2
...	12·480	−20·556	− 4	...	...
...	12·409	−26·783	− 5	M	...
...	11·677	−24·192	0·80	43.6829	10·4
...	11·673	+36·792	− 5	...	...
...	−11·643	+13·821	− 5	M	...
*	11·568	−42·562	1·00	43.6830	9·8
...	11·116	−53·713	− 2	...	...
...	10·921	−38·956	− 4	...	...
*	10·903	+27·443	1·00	42.6868	9·6
231					
...	−10·834	+12·081	− 3	...	...
...	10·676	+42·198	− 3	A	...
...	10·675	− 1·430	− 5	M	...
...	10·580	+25·901	− 5	...	...
*	10·473	−57·566	1·00	43.6831	9·9
...	−10·370	+15·350	− 5	M	...
...	10·350	−20·736	− 5	M	...
...	10·233	−12·304	− 4	...	...
†	9·952	+32·412	− 3	...	...
...	9·199	− 8·374	− 4	...	...

241–300

Notes.	Co-ordinates. x.	y.	Diam. −4.	C.P.D. No.	Mag.
241					
*	− 9·116	+30·830	1·00	...	...
*	9·079	+ 3·278	1·05	42.6869	9·8
...	9·044	−31·104	− 5	M	...
...	8·068	+36·542	− 5	M	.
...	8·057	+33·114	− 3	...	...
...	− 8·039	− 9·186	− 5	M	..
...	7·941	− 7·462	− 3	...	..
...	7·745	−16·183	− 5	M	...
..	7·605	+56·411	− 5	...	..
...	7·261	+49·276	− 5	...	...
251					
...	− 7·045	−26·278	− 5	M	...
...	7·023	−54·833	− 4	...	...
*	6·970	+51·515	1·10	42.6870	9·4
...	6·809	−14·965	− 5	M	...
...	6·801	−56·501	− 3	...	...
...	− 6·782	+14·308	− 5	M	...
...	6·714	+23·502	− 5	M	...
...	6·257	+19·514	− 5	M	...
...	6·216	+58·102	− 5	...	...
...	6·142	−15·372	− 3	..	...
261					
*	− 6·110	+19·430	1·10	42.6871	9·4
...	6·108	+21·966	− 5	M	...
S *	6·016	+23·886	1·55	42.6872	8·6
...	5·963	−20·786	− 3	...	...
...	5·927	−23·573	− 5	...	...
...	− 5·768	+26·713	− 3	...	...
...	5·758	+21·105	− 3	...	...
N	5·592	−36·014	− 3	43.6833	9·8
N *	5·585	−36·079	1·00		
...	5·505	−57·279	0·95	43.6832	9·9
271					
*	− 5·470	−10·721	1·20	43.6834	9·1
...	5·461	+52·750	− 5	...	..
...	5·166	+20·639	− 2	...	...
...	5·051	+12·205	− 3	...	...
...	5·005	− 4·557	− 5	M	...
*	− 4·679	− 0·614	1·00	...	.
...	4·216	+56·893	− 5	.	...
...	4·185	−34·790	− 4	..	...
...	3·930	+51·969	0·65	...	...
*	3·893	−22·896	1·00	43.6835	10·0
281					
...	− 3·880	−11·722	− 3	...	...
...	3·863	+23·231	0·70	...	...
...	3·736	−15·747	− 4	...	...
...	3·447	−53·938	0·80	43.6836	10·2
...	3·337	+51·551	− 2	..	...
...	− 3·192	−51·955	− 5	M	...
...	3·101	− 2·753	− 5	M	...
...	3·093	−53·962	− 5		
..	3·083	−10·367	− 5	M m	..
...	2·974	+52·853	− 4	..	...
291					
*	− 2·003	+41·368	1·00	42.6873	9·8
..	1·589	− 7·478	− 5	M	..
...	1·558	−44·852	− 4	...	...
...	1·428	+31·464	− 5	M	...
*	1·353	+ 4·501	1·00	...	...
..	− 1·249	−33·291	− 5	M	...
...	1·205	−57·728	0·65	43.6837	10·4
...	1·013	+52·926	− 5	M	.
...	0·882	+26·099	− 5	M	...
†	0·743	+ 0·218	− 5	M f	...

301–360

Notes.	Co-ordinates x.	y.	Diam. 4.	C.P.D. No.	Mag.
301					
...	− 0·697	− 7·353	− 5	M m	...
...	− 0·251	+19·208	− 5	M	...
...	+ 0·055	+32·030	− 2	...	...
...	0·465	+18·835	0·80	...	...
*	0·616	+27·172	1·10	42.6874	9·6
...	+ 0·662	+18·700	− 5	M	...
*	0·773	+34·711	1·00	42.6875	10·0
..	0·964	+ 6·749	− 3	M	...
.	1·005	+45·761	− 4	M	...
...	1·219	− 7·506	− 4	M	...
311					
...	+ 1·391	+45·388	− 3	.	..
	1·474	+ 2·858	0·85	.	..
...	1·587	−48·665	− 5	.	...
..	1·663	−26·228	− 5	M	..
*	1·675	+32·631	1·10	42.6876	9·4
...	+ 1·677	−28·313	0·80	.	...
*	1·925	−31·773	1·25	43.6839	9·2
*	1·985	−10·113	1·00	43.6840	10·2
...	2·163	−13·976	0·90	43.6841	10·0
...	2·231	−50·763	− 4	...	...
321					
...	+ 2·288	+21·570	− 5	M	...
...	2·334	+23·704	0·80	.	...
...	2·530	+54·176	− 4	...	...
...	2·942	+ 8·329	− 5	M	...
...	3·042	+17·914	− 5	M	...
*	+ 3·386	−14·466	1·00	43.6842	9·9
...	3·439	+49·794	− 4	...	...
...	3·636	− 6·066	− 5	M m	...
...	3·693	−57·513	− 4	...	...
...	3·945	+24·988	− 5	M	...
331					
...	+ 4·039	−10·500	− 5	M m	...
...	4·308	+ 9·508	− 5	M	..
...	4·401	+22·432	0·70	..	...
...	4·765	− 2·737	− 4	M	..
...	5·062	+42·480	0·75	...	...
*	+ 5·080	+33·270	1·00	42.6877	10·0
...	5·195	+25·858	− 5	...	..
...	5·418	+58·913	− 5	...	..
...	5·420	−18·832	0·70	...	...
...	5·434	+37·833	− 2	..	...
341					
...	+ 5·465	−40·852	0·75	..	.
*	5·517	+30·409	1·00	...	...
...	5·898	−19·864	0·80	43.6843	10·4
...	5·959	+42·616	− 4	.	...
...	6·085	+18·417	0·70	...	...
*	+ 6·247	+19·370	1·35	42.6878	8·8
...	6·254	+49·032	− 5	..	...
...	6·729	+48·680	− 4	...	...
...	7·237	+12·050	0·65	...	...
...	7·304	+36·827	− 5	...	...
351					
...	+ 7·385	+16·610	− 2	...	...
..	7·448	−23·264	− 5	...	...
...	7·882	+17·400	− 5	...	...
...	7·942	+24·065	− 4	.	...
...	7·981	+ 2·742	0·80	...	...
..	+ 8·134	−54·689	− 5	...	...
...	8·227	+ 0·381	− 4	a	...
...	8·401	− 8·425	− 5	...	...
...	8·471	+19·248	− 5	...	...
...	8·768	−59·015	− 5	..	...

268, 269. 44 Ceti, mass. 44 Ceti, two stars.
C.P.D. 41 .6993, too faint. Vau

361–420

Notes.	Co-ordinates. x.	y.	Diam. −4.	C.P.D. No.	Mag.
361					
...	+ 8·931	+ 24·553	− 4	...	...
.	8·943	−36·210	0·70	...	...
...	9·588	−20·084	− 2	.	...
	9·912	−38·510	− 3	...	..
..	10·408	− 7·319	− 5	...	.
...	+10·415	− 0·628	− 5	m	...
*	10·513	+59·613	1·00	41·7009	9·8
...	10·565	−12·939	− 5	...	...
.	10·888	−27·597	− 2	...	...
.	11·055	−23·284	0·65	...	...
371					
*	+11·111	− 3·467	1·20	42.6879	8·9
*	11·145	+45·962	1·20	42.6880	8·8
...	11·651	+28·516	− 5	..	...
...	11·808	+23·285	− 5	.	...
...	11·889	−45·000	− 4	.	...
...	+11·921	−11·978	− 5	...	...
...	12·485	+23·320	− 4	..	..
	12·564	+50·239	0·75	.	...
...	12·855	+ 9·416	0·70	.	...
...	12·926	+ 5·511	− 2	.	...
381					
..	+12·927	−26·934	0·70	43.6845	10·4
*	13·087	−41·930	1·25	43.6846	9·1
..	13·544	−33·722	− 5	...	...
...	13·624	−10·044	− 5	...	...
...	13·772	+25·519	− 5	.	...
.	+13·823	+ 24·234	− 5	...	...
...	13·849	+40·937	− 5	...	...
...	13·942	+16·376	− 5	...	...
S	14·534	−12·126	1·23	43.6847	9·3
.	14·893	+31·582	− 4	..	...
391					
...	+15·195	+56·127	− 4	..	...
*	15·293	+ 7·332	1·00	42.6881	10·0
...	15·634	+14·302	− 5	...	...
...	15·913	−36·891	− 5	...	...
..	16·038	+13·775	− 1	...	...
...	+16·051	−32·535	− 4	...	..
...	16·179	− 6·834	− 3	...	...
*	16·424	+29·983	1·05	42.6882	9·8
S *	17·472	−51·246	1·10	43.6848	9·8
*	18·033	+47·154	1·00	42.6883	10·0
401					
...	+18·065	+31·358	− 2	...	...
...	18·183	+55·976	− 4	...	...
*	18·205	−43·487	1·00	43.6849	10·0
...	18·629	−44·014	− 5	...	...
...	19·040	− 0·390	− 5	m	...
...	+19·200	+43·288	− 5	...	...
...	19·355	+10·936	− 5	...	...
‡	19·393	+45·215	1·05	42.6884	10·0
*	19·462	+ 7·277	1·00	42.6885	10·1
	19·649	+45·442	− 5	...	...
411					
...	+19·661	+ 7·219	− 3	...	...
...	19·679	+51·944	− 1	...	..
*	19·764	+42·808	1·00	42.6886	10·0
...	20·001	−40·440	− 4	...	...
...	20·295	− 2·584	− 5	...	...
S *	+20·343	+18·141	1·50	42.6887	8·7
*	20·444	+12·298	1·40	42.6888	8·9
...	20·420	+12·878	0·80	...	...
...	20·466	+15·505	− 5	...	...
...	20·594	+12·955	− 5	...	...

421–480

Notes.	Co-ordinates. x.	y.	Diam. −4.	C.P.D. No.	Mag.
421					
*	+21·611	−42·950	1·00	43.6852	9·8
...	21·747	−25·912	− 5	..	...
...	22·262	+13·445	− 5	...	...
..	22·459	−20·894	− 5	...	.
...	22·591	+24·719	− 5	..	...
*	+22·665	+21·873	1·00	42.6889	10·0
..	23·135	+ 9·681	− 4	...	...
...	23·275	+25·452	− 4	...	...
..	23·308	−37·210	0·80	...	...
.	23·520	−32·118	− 2	..	...
431					
...	+23·535	−21·337	0·75	..	...
.	23·621	+15·819	− 5	..	...
..	23·797	+ 9·088	− 5	...	...
*	23·956	− 5·163	1·00	42.6890	10·1
.	24·175	+49·379	− 5	...	...
..	+24·224	+ 0·743	0·80	...	...
..	24·236	+32·215	− 4	...	...
*	24·481	−10·269	1·10	43.6853	9·8
...	24·748	+11·489	− 4	...	...
...	24·836	−27·256	− 4	...	...
441					
†	+24·966	+24·546	− 4	...	...
†	25·127	−36·544	0·70	...	...
...	25·203	+34·806	− 2	...	...
...	25·228	−13·107	0·75	..	...
*	25·315	− 6·117	1·00	43.6855	9·9
...	+25·664	− 9·207	− 5	...	...
*	25·863	−20·884	1·80	43.6856	8·5
...	26·029	+ 3·077	− 5	...	...
..	26·561	−25·614	− 3	...	...
...	26·726	−18·483	− 5	...	...
451					
*	+26·939	+46·058	1·00	42.6891	10·0
*	27·074	−54·420	1·10	43.6857	9·7
...	27·146	−38·440	0·70	43.6858	10·4
...	27·358	+19·650	− 2	...	...
...	27·361	− 0·708	0·65	...	...
*	+27·758	− 6·725	1·00	43.6859	10·0
*	27·927	+19·579	1·05	42.6892	9·8
...	28·203	−21·899	− 5	...	...
...	28·324	+40·552	0·80	...	...
...	28·370	+15·634	0·85	...	...
461					
*	+28·718	+47·198	1·00	42.6893	10·0
...	28·968	−31·775	− 5	...	...
...	29·083	−46·947	− 1	...	...
...	29·094	− 5·844	− 5	...	...
*	29·282	−21·966	1·20	43.6860	9·4
...	+29·349	− 6·370	− 5	...	...
...	29·352	−47·179	− 5	...	...
...	29·360	+11·816	− 5	...	...
...	29·446	−57·169	− 5	...	...
...	29·802	−54·275	− 5	...	...
471					
...	+29·984	−31·985	− 1	...	...
†	30·023	+ 4·205	− 5	...	...
...	30·057	+23·601	− 5	...	...
...	30·161	−27·753	0·70	43.6861	10·2
...	30·168	−47·181	− 5	...	...
...	+30·193	+22·023	0·65	...	...
...	30·655	−38·102	− 5	..	...
...	30·695	+ 5·654	− 5	..	...
...	30·869	− 9·845	0·70	43.6862	10·4
...	30·990	−10·514	0·70	...	...

481–540

Notes.	Co-ordinates. x.	y.	Diam. −4	C.P.D. No.	Mag.
481					
...	+31·684	+51·921	− 5	...	...
...	31·694	−35·853	− 4	...	...
*	31·953	+34·324	1·10	42.6894	9·5
...	32·127	+15·934	− 4	...	...
...	32·206	+50·430	− 5	...	...
...	+32·222	−30·943	− 5	m	...
S *	32·269	−30·373	1·60	43.6863	8·6
...	32·333	+21·350	− 3	...	...
...	32·349	+19·966	− 2	...	...
...	32·741	−33·791	− 5	...	...
491					
...	+33·293	+ 0·243	− 5	a	...
...	34·221	+49·821	− 5	...	...
...	34·347	+ 1·512	− 5	...	...
...	34·692	+50·421	− 5	...	...
*	34·716	−24·984	1·30	43.6864	8·9
S *	+34·720	+56·007	1·40	41.7021	8·9
*	35·062	+ 1·262	1·00	42.6895	10·1
*	35·452	−12·242	1·15	43.6865	9·4
*	35·828	+ 6·942	1·00	...	...
...	35·858	−18·449	− 3	...	...
501					
...	+36·012	−33·469	− 2	...	...
...	36·051	− 3·933	− 3	...	...
...	36·157	− 4·798	− 5	..	...
N †	36·255	−19·637	− 5	...	...
...	36·810	+29·154	− 5	...	...
...	+37·137	− 0·851	− 5	...	...
...	37·560	+14·574	− 5	...	...
...	38·320	+24·585	− 5	...	...
‡	38·394	+15·325	1·20	42.6896	8·7
...	38·651	+22·512	0·70	..	..
511					
...	+39·488	+ 3·458	− 5	..	...
...	39·668	−54·931	− 5	...	...
..	39·935	−20·247	− 5	...	...
...	39·988	+21·719	− 5	...	...
..	40·152	+29·910	− 5	...	...
...	+40·211	+23·977	− 5	.	...
...	40·245	−18·164	− 5	...	...
...	40·683	−22·709	− 5	...	...
...	40·807	+36·346	− 5	...	...
...	41·361	+ 2·992	0·65	...	...
521					
...	+41·512	+19·674	− 5	...	...
...	41·576	+19·719	− 2	...	...
...	41·748	+20·372	− 5	...	...
...	41·860	−12·165	− 5	m	...
...	42·164	−54·680	− 1	...	...
...	+42·339	+25·549	− 5	...	...
...	42·530	+ 3·347	0·90	...	...
...	42·633	+31·588	0·85	...	...
..	42·820	+11·272	0·75	...	...
*	42·840	−27·924	1·10	43.6866	9·6
531					
...	+43·092	+12·359	− 5	...	...
*	43·684	+48·476	1·20	42.6897	9·5
...	44·308	−22·228	− 5	...	...
†	44·312	+ 0·308	− 4	...	...
...	44·349	−24·411	− 5	...	...
...	+44·381	+51·654	− 5	...	...
...	44·413	−31·782	− 5	...	...
...	44·512	− 7·175	− 4	...	...
...	45·091	−14·501	− 5	...	...
...	45·312	−36·111	− 5	...	...

564. Observed by Tesan; and image measured and corrected.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
541-560					
541					
...	+45·726	+37·522	− 5	...	...
*	45·913	+45·575	1·10	42.6898	9·8
*	46·950	+ 4·611	1·00	42.6899	10·1
...	47·225	+14·944	− 5	..	..
...	47·390	+49·250	− 5	..	...
*	+47·476	+28·760	1·00	42.6900	10·0
...	47·705	+27·096	− 4	..	...
*	47·899	+20·400	1·00	42.6901	10·0
...	48·008	+39·791	− 3	...	...
...	48·217	− 9·471	0·75	...	...
551					
...	+48·467	−45·347	− 5	///	...
...	48·638	−51·375	− 2	.	...
...	48·945	+31·508	− 5	...	..
...	48·950	−11·542	0·75	..	..
...	48·987	+37·751	− 5	...	...
...	+49·623	− 5·442	− 4	...	...
*	49·669	− 8·237	1·00	43.6868	10·0
*	49·994	+59·353	1·10	41.7029	9·8
*	50·249	+27·588	1·20	42.6902	9·5
*	50·357	+11·607	1·00	42.6903	10·0
561-580					
561					
...	+50·719	+ 1·592	− 4	...	...
†	50·740	+40·258	− 5	.	...
...	51·148	−10·810	− 4	...	..
...	51·624	−17·956	− 5	...	..
...	52·035	+44·271	− 5	.	..
...	+52·089	+56·782	− 5	...	...
e *	52·720	+ 0·029	1·15	42.6904	9·2
..	53·253	−22·868	− 5	...	..
..	53·291	+ 2·785	− 5	...	...
..	53·035	− 3·173	− 4	.	..
571					
.	+53·766	−40·415	− 5	.	.
...	54·014	−29·006	− 3	.	...
..	54·377	− 7·864	− 5	...	...
...	54·733	−15·474	− 4	...	...
S ‡	54·762	+29·765	2·00	42.6905	7·9
...	+54·852	−40·338	− 5	...	...
*	55·130	+10·584	1·00	42.6907	10·1
...	55·521	+38·650	0·90	42.6906	10·1
...	56·269	+14·405	− 5	.	...
...	56·461	− 3·359	− 3	.	...
581-596					
581					
...	+56·510	−33·8 4	− 3	...	...
...	56·531	+38·033	− 5	..	...
...	56·653	+20·706	− 5	...	...
...	57·661	− 8·595	− 3	...	...
...	57·909	+ 32·859	− 3	...	...
*	+58·263	+ 54·428	1·30	41.7033	9·6
‡	58·421	+15·250	1·00	42.6908	10·0
*	58·457	−18·656	1·05	43.6870	9·7
†	58·459	+40·186	− 5	...	...
*	59·193	+19·808	1·00	42.6909	10·1
591					
...	+59·437	−48·420	− 4	.	...
...	59·499	+ 5·898	− 2	.	...
...	59·660	+ 4·388	− 2	.	...
...	59·67	+ 8·416	− 4	.	...
...	59·739	+16·571	0·65	..	...
...	+59·816	+ 9·973	− 5	.	...

1-30					
1					
†	−59·548	−51·534	− 2	...	...
...	59·330	+56·669	− 3	...	...
...	59·034	+ 1·472	− 3	. .	...
...	59·010	+44·167	− 5	..	...
...	58·901	−12·560	− 5	...	...
. .	−58·245	−10·907	− 3	...	...
...	58·230	−38·608	− 5	...	...
...	57·564	−18·048	− 4	...	...
...	57·527	+ 1·235	− 5	...	...
...	57·422	+33·929	− 5	...	...
11					
E ‡	−56·997	− 0·049	1·50	42.6904	9·2
...	56·879	+22·614	− 5	..	...
...	56·510	+ 2·736	− 5	...	...
...	55·994	− 3·208	− 1	...	...
S ‡	55·847	+29·752	2·70	42.6905	7·9
...	−55·777	−22·908	− 3	...	...
...	55·365	+14·307	− 5	...	...
*	55·341	+38·655	1·10	42.6906	10·1
...	55·123	− 7·870	− 3	...	...
*	54·903	+10·587	1·00	42.6907	10·1
21					
...	−54·845	−29·028	− 1	...	...
...	54·743	−40·423	− 5	...	. .
†	54·545	−15·474	− 4	...	...
...	54·342	+11·272	− 5	...	...
...	54·334	+38·057	− 4	...	...
...	−54·270	+49·212	− 5	...	...
...	53·888	+14·445	− 4	...	...
...	53·669	−40·313	− 3	...	...
...	53·597	+20·746	− 4	...	...
...	53·488	−40·608	− 4	...	...
31-60					
31					
...	−53·157	− 3·311	0·70	...	...
*	53·091	+54·497	1·40	41.7033	9·6
...	52·795	+32·971	0·85	...	...
...	52·482	+40·280	− 4	...	...
...	52·202	−33·740	0·70	...	...
...	−52·199	+36·040	− 5	..	..
...	52·124	−46·542	− 5	...	..
...	51·816	− 8·514	0·70	...	..
...	51·767	+28·897	− 5	...	...
*	51·753	+15·369	1·00	42.6908	10·0
41					
...	−51·447	+58·036	− 3	...	...
*	51·238	+57·286	1·10	41.7034	10·0
*	51·135	+19·928	1·00	42.6909	10·1
...	50·819	+12·146	− 5	...	...
*	50·709	−18·537	1·20	43.6870	9·7
*	−50·647	+29·397	1·00	...	...
...	50·498	+16·705	0·80	.	...
...	50·487	+23·269	0·90	...	...
...	50·414	−42·342	− 5	..	.
...	50·396	+ 6·030	0·70	.	...
51					
...	−50·390	−19·864	− 5	...	...
...	50·301	+ 8·545	− 2	...	...
..	50·224	+10·111	− 4	...	
.	50·200	+ 4·525	0·85	. .	..
...	49·896	+52·232	− 5	...	...
...	−49·864	+23·302	− 5	...	...
...	49·754	+ 6·682	0·70	...	...
†	49·682	+26·925	− 4		...
...	49·473	− 2·275	− 3	...	...
...	48·835	− 5·529	− 5	...	...
61-90					
61					
...	−48·827	−48·247	− 3	. .	...
..	48·697	+ 1·651	− 4	..	. .
..	48·622	+50·041	− 3	...	...
*	48·463	+43·925	1·05	42.6910	9·8
...	48·367	−37·658	− 5	...	...
*	−48·273	−30·508	1·00	43.6871	10·0
...	48·212	+ 9·236	0·70	...	...
...	48·137	+ 6·827	− 5	.	...
*	48·020	+28·346	1·20	42.6911	9·6
*	48·003	−22·105	1·40	43.6873	9·3
71					
...	−47·942	−38·902	− 5	...	..
...	47·699	−28·435	− 4	..	..
*	47·664	−43·111	1·10	43.6872	10·2
...	47·659	−59·42	− 5	...	...
...	47·642	−35·734	− 3	...	...
*	−47·379	−36·571	1·00	43.6874	10·4
*	47·348	+54·073	2·00	41.7038	9·1
..	47·132	−22·955	− 5	. .	...
...	47·107	−18·717	− 1	...	...
...	46·826	−10·825	− 1	..	...
81					
...	−46·373	−22·465	− 5	...	...
...	46·354	+13·313	− 4	.	...
*	46·312	+53·529	1·00	42.6912	10·0
...	46·258	−28·359	− 5	...	..
...	46·123	+36·045	0·70	...	..
...	−45·878	+15·228	0·65	...	...
...	45·844	+23·668	− 5	...	...
...	45·793	+ 4·039	− 5	...	...
...	45·720	+23·508	− 5	...	...
*	45·620	−37·301	1·00	43.6875	10·4

B measured from 1, 193, 412, 504
E .. .. 98, 312, 548, 796.

91 150

Notes	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
91					
...	−45·448	−15·453	−4	...	..
	45·236	−57·573	−3	.	...
	45·146	+44·380	0·85	42.6914	10·1
.	45·[illegible]	−33·313	−5	M	...
..	45·063	−22·218	−5		...
S *	−45·[illegible]	+16·426	2·50	42.6913	8·3
..	44·767	[illegible]	−4	..	...
S *	44·444	−45·272	1·75	42.6915	9·3
...	44·124	+44·518	−5	...	...
...	44·[illegible]	+19·566	0·75	..	...
101					
...	−43·93[illegible]	+33·650	−5	...	...
	43·735	−23·463	−3	...	...
	43·349	+33·934	−5	...	..
†	43·312	+ 9·893	−5	...	...
*	43·195	− 1·400	1·00	...	...
.	−43·160	+27·840	−5	...	...
...	42·943	−41·588	−4	...	...
.	42·879	+ 1·144	−5	...	...
.	42·591	− 4·729	−4	...	...
...	42·408	−23·131	−5		...
111					
...	−42·190	− 3·907	−4	...	...
..	41·751	− 2·427	−5	M	...
	40·980	−49·436	0·65	...	...
...	40·927	+27·587	0·75	...	...
†	40·519	+ 4·803	0·65	...	...
..	−40·[illegible]	+ 9·327	−5	...	...
.	39·[illegible]	−14·379	−4	..	...
...	39·933	− [illegible]·594	−4	...	...
...	39·[illegible]	+10·624	−4	...	...
...	39·783	−31·428	−5	M	...
121					
‡ ‡	−39·695	−13·474	1·10	43.6878	9·8
S ‡	39·572	−19·784	3·20	43.6877	7·7
*	39·449	−55·587	1·00	43.6876	10·2
...	39·431	−47·679	−5	...	...
..	39·122	−53·373	−4	...	...
.	−39·067	− [illegible]·733	−5	...	...
..	38·978	+30·139	−1	..	...
†	38·872	+54·781	−4	...	...
..	38·251	+31·119	0·70	...	...
..	37·935	+25·518	0·70	...	...
131					
...	−37·481	+26·432	−5	...	...
...	37·407	+39·372	−3	...	..
...	37·341	− 3·[illegible]5	−5	M	...
...	37·093	−23·896	−4	...	...
*	37·026	−51·876	1·10	43.6879	9·9
...	−36·930	+45·821	−4	...	...
...	36·870	−27·780	−5	...	...
..	36·786	−21·156	−5	...	...
..	36·[illegible]25	− 8·937	−5	M	...
	36·683	2·[illegible]93	−1	...	...
141					
...	−36·656	+27·[illegible]44	−1	...	...
...	36·593	+58·880	−5	..	...
*	36·199	− 4·[illegible]55	1·00	...	...
..	35·952	+27·823	−5	...	...
..	35·940	−56·919	−5	...	...
*	−35·[illegible]52	− 7·166	1·00	...	...
...	35·[illegible]39	−21·145	−5	...	...
*	35·[illegible]61	− 0·[illegible]58	1·00	42.6916	10·1
...	35·[illegible]52	+17·[illegible]87	−5	...	...
...	35·[illegible]67	−43·[illegible]55	−5	..	...

151 210

Notes	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
151					
...	−35·549	+42·950	−5	...	...
...	35·477	+27·186	−5	...	...
...	34·888	−28·967	−5	...	...
†	34·702	−23·264	−5	...	...
†	34·598	−32·967	−4	...	..
...	−34·511	+38·385	−5	...	...
*	34·362	−56·929	1·00	43.6881	10·1
...	34·357	− [illegible]·525	−5	...	...
...	34·198	−53·775	−5	M	...
*	33·881	−19·765	1·00	43.6882	10·2
161					
.	−33·763	−30·688	−4	...	...
...	33·721	+23·185	−5	...	...
*	33·698	−10·110	1·00	43.6883	10·0
..	33·578	− 5·849	−5	..	...
	33·327	+25·676	−3	...	...
*	−33·196	− 2·578	1·00	42.6917	10·1
..	33·141	+52·268	−5	...	...
†	32·832	−37·912	1·15	43.6885	9·7
...	32·823	−31·929	−5	...	...
*	32·784	+18·636	1·05	42.6918	10·1
171					
...	−32·731	− 8·635	−5	M	...
*	32·658	+30·875	4·40	42.6919	6·6
...	32·412	+ 2·260	−1	...	...
...	32·281	−32·085	−5	M	...
...	32·280	− 9·021	−5	M	...
*	−32·121	+40·043	1·10	42.6920	10·1
.	32·049	+27·686	−4	...	...
...	31·972	−25·785	−5	M	...
...	31·819	−12·204	−1	..	...
*	31·681	−58·968	1·00	43.6886	10·0
181					
..	−31·671	+46·767	−4	...	...
...	31·603	+26·321	−4	...	...
...	31·576	− 3·820	−3	...	...
...	31·561	− 3·547	−4	...	...
*	31·107	+32·107	2·00	42.6921	8·4
...	−31·006	− 1·590	−4	...	...
...	30·927	− 0·940	−5	M	...
*	30·441	+19·593	1·40	42.6922	9·1
*	30·347	− 8·401	1·00	43.6887	10·2
...	29·915	+ 6·199	−5	...	...
191					
...	−29·862	+42·505	−4	...	...
...	29·835	+19·728	0·65	...	...
...	29·546	+13·965	−2	...	...
...	29·531	−52·814	−5	..	...
...	29·437	−16·064	−5	...	...
...	−29·350	+35·578	−4	...	...
...	29·276	−42·082	−4	...	...
†	29·179	−25·033	−1	...	...
†	29·103	−35·048	−3	...	...
...	29·024	+54·900	−5	...	...
201					
...	−28·789	−35·525	−3	..	...
.	28·565	−10·738	0·70	..	.
...	28·146	− 2·241	0·70	...	...
*	27·948	+40·623	1·50	42.6923	9·3
...	27·756	+12·458	−5	..	...
...	−27·718	−11·368	−4	...	...
...	27·595	−42·093	−5	...	...
...	27·525	−18·875	−5	M	...
...	27·487	+28·364	−5	...	...
.	27·390	+30·563	−5	...	...

211–270

Notes	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
211					
*	−27·376	+10·777	1·05	42.6924	9·8
.	27·360	−47·015	−5	M	...
...	27·294	+28·578	−5	...	...
...	27·208	−37·[illegible]8	−5	M	...
...	27·115	+48·777	−4	...	...
...	−27·094	−48·210	−5	...	...
...	27·031	+20·460	−5	...	...
*	27·019	−22·069	1·00	43.6888	10·2
...	26·764	+25·510	0·70	...	...
...	26·329	+41·125	−4	...	...
221					
...	−26·297	+17·470	−1	...	...
...	26·140	+ 8·535	0·75	...	...
..	26·022	+57·501	0·90	...	...
*	25·865	−57·256	1·10	43.6889	10·1
...	24·904	−28·176	0·70	...	...
.	−24·868	+22·518	−5	...	...
†	24·753	+17·614	0·70	..	...
†	24·691	+27·732	−3	...	...
†	24·659	−35·757	−4	...	...
...	24·602	+ 3·269	−3	...	...
231					
...	−24·510	+ 9·218	−2	...	...
*	24·362	−22·002	1·05	43.6890	9·7
*	24·300	+ 9·084	1·00	42.6925	10·0
...	24·095	+25·341	−3	...	...
...	24·094	− 6·039	−5	M	...
...	−24·064	−23·704	−5	...	...
...	24·015	−48·117	−5	M	...
...	24·008	−45·353	−3	...	...
*	23·794	+45·999	1·15	42.6926	9·8
...	23·752	−21·216	−1	...	...
241					
..	−23·730	+43·718	−5	...	...
...	23·622	−40·748	−3	...	...
...	23·485	− 2·934	−4	...	...
...	23·311	−33·876	−4	...	...
...	23·243	+35·010	−5	...	...
...	−23·234	+19·514	−4	...	...
...	23·191	−18·511	−4	..	...
...	23·169	−39·863	−5	...	...
...	23·100	+55·915	−3	...	...
...	22·803	+ 1·618	−5	...	...
251					
*	−22·577	−27·274	1·00	43.6891	10·2
..	22·201	+31·877	−5	...	...
...	22·054	− 9·320	−4	...	...
*	22·032	+43·385	1·00	42.6927	10·1
...	21·984	−40·922	−4	...	...
...	−21·660	−59·772	−3	...	...
...	21·632	−23·637	−5	...	...
...	21·626	+54·796	−5	...	...
...	21·439	+34·669	−5	...	...
...	21·302	−52·637	−4	A	...
261					
...	−21·082	+ 0·626	−5	a	...
*	20·996	+21·439	1·05	42.6928	10·1
...	20·870	+ 0·869	−5	...	...
...	20·453	+26·309	−4	...	...
...	20·242	+ 5·560	−5	...	...
...	−20·151	+13·316	−3	...	...
...	20·122	−38·275	−5	...	...
*	19·920	+ 4·278	1·00	42.6929	10·1
*	19·849	+33·979	1·10	42.6930	10·0
..	19·839	+37·106	−3	...	...

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Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
271					
...	−19·609	−28·775	0·80	43.6893	10·2
...	19·545	−54·790	0·90	43.6892	10·2
*	19·507	−16·512	1·15	43.6894	9·4
...	19·437	+18·469	− 5	...	...
...	19·142	+16·851	− 3	...	...
*	−18·961	−55·156	1·00	43.6895	10·2
S *	18·907	−34·534	1·50	43.6896	9·0
...	18·486	−16·257	− 4	...	...
...	18·439	+10·065	− 3	...	...
...	18·217	+10·256	− 5	A	...
281					
†	−18·003	+29·776	− 5	...	...
...	17·797	−19·633	− 5	...	...
...	17·709	− 8·126	− 5	M	...
...	17·633	−32·224	− 4	...	...
..	17·549	+23·924	− 5	...	...
...	−17·397	− 4·275	− 5	M	...
...	17·344	−44·070	− 5	...	...
...	17·286	+30·385	− 5	...	...
...	17·256	+ 7·810	− 5	...	...
...	17·218	−46·978	− 5	...	...
291					
...	−17·190	+ 7·633	− 5	M	...
*	17·036	+52·019	1·20	42.6931	10·0
...	16·887	+ 9·610	− 5	...	...
...	16·648	+42·535	0·90	...	...
...	16·571	−31·629	− 4	...	...
...	−16·523	−32·836	− 3	...	...
...	16·477	+15·116	− 3	...	...
...	16·414	−34·362	− 5	M	...
*	16·342	+54·971	1·20	41.7061	9·8
...	16·214	−26·665	− 5	...	...
301					
...	−16·138	−22·995	0·70	43.6897	10·2
..	15·770	+ 4·346	− 5	...	...
...	15·754	−45·462	− 3	...	...
...	15·653	−17·929	− 4	...	...
...	15·581	+21·727	− 4	...	...
*	−15·499	−39·414	1·30	43.6898	9·4
...	15·451	−45·708	− 5	...	...
...	15·133	−49·266	− 5	...	...
...	15·069	−44·629	− 4	...	...
...	14·956	−24·438	− 4	A	...
311					
...	−14·872	+29·723	− 4	...	...
...	14·643	−22·917	− 5	...	...
...	14·494	+31·593	− 1	...	...
...	14·354	+31·584	− 5	...	...
*	14·295	−12·778	1·00	43.6899	10·0
...	−14·133	−16·010	− 5	M	...
*	14·095	+33·643	1·00	...	...
...	14·091	+20·879	0·85	42.6932	10·1
...	14·005	+20·833	− 5	M	...
...	13·972	−27·017	0·65	...	...
321					
*	−13·804	+21·366	1·00	42.6933	10·1
*	13·665	+15·323	1·00	...	...
...	13·641	−35·755	− 2	...	...
...	13·535	+42·621	− 5	...	...
...	13·431	+27·766	− 5	...	...
...	−13·225	+15·550	− 5	...	...
...	13·087	−16·558	− 4	...	...
...	12·995	− 4·974	− 5	M	...
...	12·937	+13·609	− 1	...	...
...	12·832	+35·996	− 4	...	...

331 390

Notes.	Co-ordinates. x.	y.	Diam. −z.	C.P.D. No.	Mag.
331					
...	−12·768	−25·748	− 2	...	...
...	12·652	+20·201	− 5	...	...
...	12·342	− 4·972	− 2	..	...
..	12·046	− 4·255	− 4	...	...
...	12·035	−26·889	− 5	.	...
*	−11·896	−12·345	1·00	43.6900	10·2
...	11·880	−42·356	− 1	...	..
...	11·738	−12·398	− 5	M	...
..	11·707	−29·063	− 5	M	...
...	11·656	+22·077	− 5	...	.
341					
...	−11·346	+20·351	− 4	...	...
...	11·295	+35·785	− 3	...	...
...	11·122	−31·904	− 4	...	...
...	11·110	−16·977	0·65	...	..
...	11·074	+ 8·921	− 5	..	...
...	−10·974	−14·242	− 5	M	...
...	10·863	−22·661	− 5	M	...
...	10·845	+24·696	0·65	...	...
*	10·632	−20·700	2·90	43.6901	7·5
...	10·563	−46·136	− 5	...	...
351					
*	−10·461	−10·210	1·20	43.6902	10·2
‡	10·335	−20·011	2·50	43.6903	7·9
...	9·058	+58·662	− 5	...	...
...	9·042	−47·496	0·70	...	...
...	8·773	+34·097	− 3	...	...
...	− 8·650	−20·247	− 3	...	...
...	8·228	−25·453	− 5	...	...
*	8·081	−34·767	1·00	43.6904	10·1
...	7·743	+47·070	− 3	...	...
...	7·552	−20·921	− 1	...	...
361					
...	− 7·210	+48·434	− 5	...	...
...	6·749	−30·943	− 5	M	...
...	6·621	−28·450	− 4	...	...
...	6·340	−16·574	− 5	M	...
*	6·323	− 1·326	1·00	...	...
...	− 6·096	+ 22·280	− 4	...	...
...	6·030	+14·250	− 3	...	...
...	5·895	−50·461	− 5	...	...
‡	5·858	−39·968	1·20	43.6905	9·0
*	5·567	−27·708	1·00	43.6906	10·2
371					
...	− 5·496	−33·154	− 4	...	...
...	5·494	+57·693	− 4	...	...
...	5·470	−47·905	− 4	...	...
*	5·045	−27·178	2·70	43.6907	7·7
...	4·639	−58·020	− 4	...	...
‡	− 4·532	+14·930	1·00	...	...
...	4·526	−34·021	− 5	...	..
...	4·370	+21·761	− 3	...	...
...	4·217	+30·174	− 5	...	...
...	4·178	+49·525	− 5	...	...
381					
...	− 4·146	−25·494	− 5	...	...
...	3·901	+ 9·171	− 5	...	...
...	3·814	−32·057	− 4	...	...
...	3·750	−35·160	− 3	...	...
...	3·696	+19·645	− 5	...	...
...	− 3·657	− 5·969	− 5	M	...
...	3·444	−45·080	− 3	...	...
*	3·258	−52·496	1·10	43.6908	9·4
†	3·219	+59·684	− 5	...	...
...	2·919	−43·655	− 5	...	...

391 450

Notes.	Co-ordinates. x.	y.	Diam. −z.	C.P.D. No.	Mag.
391					
*	− 2·727	+36·167	1·10	42.6934	10·0
...	2·668	+34·187	− 4	...	...
...	2·559	+13·191	− 4	...	...
..	2·490	+22·125	− 5	M ...	...
...	2·433	+58·658	− 4	...	...
...	− 2·339	+20·994	− 5	...	...
...	2·281	+59·044	− 3	...	...
...	2·244	+32·241	− 5	...	...
...	2·024	−28·417	− 3	...	...
...	1·991	+23·758	− 3	...	...
401					
...	− 1·953	+50·315	− 2	...	...
...	1·914	+18·414	− 5	...	...
...	1·745	+29·030	− 3	...	...
..	1·690	+41·825	− 5	...	...
...	1·508	−52·544	− 5	...	...
...	− 1·477	−18·059	− 5	...	..
...	1·274	+57·198	− 3	...	...
‡	0·628	−39·941	1·00	43.6909	9·9
N *	0·543	−31·933	1·00	D d	...
*	0·323	+15·529	1·00	42.6935	10·1
411					
...	− 0·183	+24·051	− 1	...	...
S *	0·114	+39·117	2·20	42.6936	8·3
...	− 0·005	+20·989	− 2	...	...
S *	+ 0·456	+ 8·542	1·80	42.6937	8·8
...	0·703	− 0·502	− 5	M	...
...	+ 0·811	+37·218	− 2	...	...
...	0·935	−24·186	− 5	M	...
...	1·099	+ 0·745	− 5	β ...	...
...	1·159	−16·348	− 5	M ...	...
...	1·160	−45·422	− 5	M	...
421					
...	+ 1·214	+47·424	0·70	...	...
...	1·283	+34·543	− 2	...	...
...	1·434	−57·226	− 4	...	...
...	1·443	+22·633	− 5	...	...
...	1·688	−37·260	0·90	43.6910	10·2
...	+ 1·721	+49·625	− 2	...	...
...	1·810	−32·115	− 5	M	...
...	1·925	+53·974	− 2	...	...
*	2·014	+51·371	1·00	42.6938	10·1
...	2·017	+ 0·690	− 4	α ...	...
431					
...	+ 2·165	+13·458	0·80	...	...
...	2·215	−22·843	− 5	M	...
...	2·224	−10·809	− 2	...	...
...	2·325	−47·305	− 5	M ...	...
...	2·467	−17·809	− 5	M ...	...
...	+ 2·501	−50·081	− 5	...	...
...	2·535	+46·474	− 2	...	...
...	2·644	+28·352	− 4	...	...
†	2·798	+ 9·863	− 4	...	...
...	3·057	−44·326	− 5	M	...
441					
*	+ 3·075	−10·695	1·00	43.6911	9·8
...	3·177	−58·466	− 5	...	...
...	3·258	+16·915	− 3	...	...
...	3·543	−42·027	− 5	...	...
...	3·913	−30·739	− 4	...	...
...	+ 4·050	+34·632	− 5	M ...	...
...	4·097	−41·290	− 5	M	...
...	4·258	− 3·219	− 5	M ...	...
...	4·288	+34·428	− 5	...	...
...	4·299	−14·221	− 3	...	...

409. Var.

451–510

Notes.	Co-ordinates.		Diam.	C.P.D.	
			−2.	No.	Mag.
451					
	+ 4·432	− 4·710	− 4	M *a*	...
	4·478	−59·681	− 5	...	...
...	4·552	−54·757	− 4	...	...
	4·638	−12·787	− 5	M *m*	...
	4·726	+ 2·061	0·90	...	...
	+ 4·932	−34·870	1·25	43.6912	9·4
	5·312	+38·817	− 2	...	.
	5·333	−45·778	− 5	*m*	.
	5·381	−41·251	0·70	..	...
	5·458	−43·205	− 2	.	...
461					
	+ 5·5[illegible]	−23·[illegible]9	0·70	...	...
	5·622	+56·868	0·70	..	...
	5·955	+18·964	− 4	*m*	..
	5·9[illegible]	+16·165	− 1	*a*	...
	6·006	−50·21[illegible]	− 5	..	...
...	+ 6·11[illegible]	+23·3[illegible]	− 4	*m*	.
..	6·403	+17·274	0·65	...	...
*	6·456	+38·997	1·10	42.6939	8·7
...	6·459	−45·574	− 3	*m*	...
...	6·[illegible]	−54·4[illegible]	− 5	*m*	...
471					
...	+ 6·717	−38·82[illegible]	− 5	...	...
...	6·729	− 3·572	− 5	*m*	...
..	7·009	+21·406	− 5	*m*	...
...	7·084	−19·2[illegible]	− 3	...	...
...	7·199	+ 9·305	− 5	*m*	...
.	+ 7·358	+49·316	− 3	...	...
..	7·489	− 2·596	− 5	*m*	...
*	7·642	+23·[illegible]75	1·10	42.6940	9·8
	7·750	+55·551	− 4	*m*	..
...	7·885	−42·938	− 4	...	...
481					
...	+ 8·157	+14·091	− 4	*m*	...
...	8·173	−17·199	− 5	*m*	...
...	8·357	+51·849	− 4	*m*	...
	8·617	+23·072	− 5	*m*	...
.	8·852	+34·880	− 5	*m*	...
...	+ 8·962	+23·807	− 4	*m*	...
...	9·071	+32·491	− 5	*m*	...
	9·071	− 6·863	− 3	...	...
..	9·126	−53·355	− 5	...	...
...	9·127	+43·598	− 2	*a*	...
491					
	+ 9·174	+ 7·816	− 2	/	...
..	9·527	−31·981	− 3	.	...
.	9·[illegible]53	+10·703	− 5	*m*	...
...	9·[illegible]57	− 2·750	− 5	...	..
...	9·[illegible]81	+15·457	0·70	...	...
/	+ 9·953	+39·623	0·90	43.6913	9·7
...	[illegible]	−32·139	− 3	...	...
	[illegible]	− 3·432	1·05	43.6913	9·7
	10·262	+ 0·[illegible]10	− 4	*m*	...
...	10·397	− 9·[illegible]79	0·75	...	.
501					
	+10·487	[illegible]	− 5	*m*	..
	10·638	−20·[illegible]	− 5	.	...
	[illegible]	− 7·130	0·90	43.6914	10·2
	[illegible]	− 3·822	− 4		
	[illegible]	−[illegible]	− 4	...	.
.	+ [illegible]	+25·650	− 5	*m*	
...	11·496	+11·619	− 5	*m*	...
...	11·[illegible]	−16·336	− 5	...	...
...	11·672	+ 9·064	− 5	*m*	...
	[illegible]	+51·205	− 3	...	...

511–570

Notes.	Co-ordinates.		Diam.	C.P.D.	
			−2.	No.	Mag.
511					
...	+11·757	−36·463	− 4	...	...
..	12·094	−37·693	0·70	.	...
.	12·567	+ 8·076	− 4	*m*	...
...	12·664	+54·847	− 3	...	...
..	12·752	−39·018	− 5	...	...
...	+12·815	−48·131	− 5	..	...
...	12·866	−38·435	− 4	...	...
*	12·995	+37·269	1·10	42.6941	9·8
...	13·076	+ 6·023	− 5	*m*	...
...	13·161	+20·373	− 5	*m*	...
521					
..	+13·194	+40·657	− 5	*m*	...
	13·450	−17·395	1·00	43.6915	10·1
...	13·528	+55·913	− 3	*a*	...
...	13·557	−59·593	− 5	*m*	...
*	13·569	−32·152	1·00	43.6916	10·1
*	+13·634	+39·703	1·00	42.6942	10·0
...	13·998	+21·720	− 5	*m*	...
*	14·039	−55·639	1·10	43.6917	9·7
...	14·166	+10·013	− 5	*m*	...
...	14·277	−36·768	− 4	...	...
531					
...	+14·453	+56·553	− 5	*m*	...
...	14·475	+20·456	0·70	...	...
...	14·538	− 4·474	0·70	...	...
...	14·560	−35·938	− 5	.	...
...	14·642	−12·071	− 5	*m*	...
...	+14·792	−30·920	− 1	...	...
*	14·984	+34·534	1·35	42.6943	9·1
‡	15·112	+14·004	1·20	42.6944	9·4
‡	15·174	−45·483	1·00	43.6918	9·8
...	15·392	+19·123	0·80	...	...
541					
*	+15·393	− 5·228	1·25	42.6945	9·5
...	15·831	−29·581	− 5	..	...
*	15·883	−18·860	1·00	43.6919	10·2
...	16·098	+ 4·396	− 5	*m*	...
...	16·137	+56·916	0·75	.	...
...	+16·338	−38·726	− 4	...	...
...	16·417	+30·986	0·70	...	...
...	16·431	+33·111	− 5	*m*	...
...	16·617	−53·395	− 5	...	...
*	16·646	+31·415	1·05	42.6946	10·0
551					
...	+16·662	−38·528	− 5	..	...
...	16·695	+26·539	− 1	...	...
..	16·748	−23·318	− 3	...	...
...	17·412	− 7·809	− 5	*m*	...
...	17·486	−55·356	− 4	..	...
...	+17·541	+34·185	0·85	...	...
*	17·671	+16·551	1·00	...	...
...	17·718	− 4·242	− 5	*m*	..
...	17·785	+28·339	− 5	*m*	...
*	17·859	−54·251	1·00	43.6920	9·8
561					
.	+18·219	+15·907	− 5		..
..	18·534	− 0·629	− 5	...	.
*	18·633	−58·050	1·4	43.6922	9·2
...	18·866	+36·028	− 5	..	..
S *	18·976	−49·310	2·60	43.6923	7·6
*	+19·182	+43·415	1·05	42.6947	10·1
.	19·234	+ 2·945	− 5		
...	19·243	+45·375	− 4	*m*	...
..	19·451	+ 2·373	− 5	*m*	...
*	19·508	−40·747	1·10	43.6924	9·8

571–630

Notes.	Co-ordinates.		Diam.	C.P.D.	
			−2	No.	Mag.
571					
...	+19·849	+55·649	− 4	...	...
†	19·909	+19·901	− 1	...	...
...	20·079	−30·766	− 5	...	...
‡	20·084	+58·427	1·20	41.7082	9·5
*	20·454	+ 5·446	1·50	42.6948	9·5
...	+20·573	−24·904	− 5	...	...
...	20·578	+ 8·647	− 3	*m*	...
...	20·805	−24·234	0·70	...	...
...	21·055	+ 1·954	− 1	*a*	...
...	21·095	+14·408	− 5	*m*	...
581					
...	+21·106	+46·363	− 4	*m*	...
..	21·136	−26·590	− 5	...	...
...	21·294	−48·716	− 5	...	...
...	21·302	−28·892	− 5	*m*	...
*	21·340	− 2·972	1·00	42.6949	10·1
...	+21·710	−52·137	− 4	...	...
*	21·795	+ 6·420	1·00	42.6950	10·1
...	21·799	+48·160	− 5	*m*	...
...	21·895	+ 3·700	− 5	*m*	...
*	22·243	+24·297	1·00	42.6951	10·0
591					
...	+22·269	+57·648	− 5	*m*	...
...	22·325	−11·535	− 5	...	...
*	22·393	−12·931	1·00	43.6925	9·8
*	22·448	+43·715	1·00	...	...
...	22·481	−55·779	− 5	...	...
*	+22·587	− 5·581	1·00	42.6953	10·1
.	22·821	−32·594	− 3	...	...
*	22·824	+52·981	1·00	42.6952	10·1
*	23·004	+58·943	1·20	41.7085	9·8
...	23·017	+30·579	0·65	...	...
601					
...	+24·036	−11·172	− 5	*m*	...
*	24·065	+ 7·765	1·00	...	...
...	24·119	−27·980	− 5	...	...
.	24·359	−24·351	− 4	...	...
...	24·371	+ 0·841	− 5	*m*	...
*	+24·628	+ 1·043	2·10	42.6954	8·4
...	24·743	−39·151	0·65	...	...
...	24·778	−11·765	− 3	..	...
...	24·818	+ 2·446	− 3	*m*	...
...	25·013	+32·146	− 3	*m*	...
611					
‡	+25·097	−25·200	3·00	43.6926	7·4
†	25·152	−24·160	− 2	...	...
...	25·451	−55·124	− 4	...	...
.	25·527	− 8·280	− 5	*m*	...
...	25·743	+ 6·303	− 4	*m*	...
...	+26·171	− 9·452	− 2	...	...
*	26·267	−12·587	1·00	43.6927	9·9
...	26·325	−41·381	− 3	...	...
*	26·393	+50·242	1·10	42.6955	10·0
...	26·416	−32·309	− 4	...	...
621					
..	+26·560	−35·650	− 3	...	...
.	26·589	+ 1·457	− 2	*b*	...
..	26·620	+20·719	− 5	*m*	...
...	26·694	+17·974	− 5	*m*	...
..	26·704	+10·345	− 1	...	...
...	+26·716	+20·139	− 4	*m*	...
...	26·896	−52·566	0·80	43.6928	10·2
..	27·012	−10·635	− 4	..	...
†	27·091	− 0·115	− 5	...	...
...	27·186	−50·603	− 2	...	...

496, 498 C.P.D. probably wrong.

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
631 690					
631					
...	+27·343	−42·320	− 5	...	...
...	27·406	+55·165	0·90	41.7095	10·1
...	27·456	−43·682	− 5	...	...
...	27·489	+34·284	− 5	m	...
...	27·546	+ 5·693	− 4	m	...
...	+27·631	−13·198	− 5	m	...
...	27·640	−24·550	− 3	...	...
*	27·721	−12·384	1·00	43.6929	10·2
*	27·74	−50·168	1·10	43.6930	9·8
...	27·948	−13·010	− 5	...	...
641					
...	+27·953	−17·060	− 5	...	...
*	28·083	+47·720	1·15	42.6956	10·0
...	28·173	+ 6·041	− 5	m	...
*	28·400	−53·184	1·30	43.6932	9·2
...	28·410	+47·851	− 5	m	...
...	+28·474	+27·247	0·70	...	...
...	28·505	+ 7·231	− 5	m	...
...	28·560	−37·584	− 2	..	...
...	28·725	− 6·759	− 1	..	...
...	28·758	+37·268	− 4	m	...
651					
...	+28·811	−11·943	− 5	...	...
†	28·840	+14·864	− 5	m	...
...	28·876	−28·927	− 5	m	...
...	28·944	−59·194	0·65	43.6933	10·2
...	28·959	+54·435	− 5	m	..
*	+29·113	+40·000	2·00	42.6957	8·8
...	29·265	+ 1·506	− 4	m	...
†	29·328	+39·822	1·10	42.6958	9·5
*	29·389	+24·003	1·00	...	...
...	29·560	+13·886	− 1	a	...
661					
*	+29·793	+15·615	1·05	42.6959	10·1
...	29·875	−53·084	0·90	43.6934	9·9
...	29·897	−16·287	− 4	...	...
...	30·520	+56·633	− 5	m	...
†	30·545	+39·811	− 5	m	..
...	+30·585	−44·795	− 5	m	...
...	30·608	+27·907	− 3	m	...
...	30·688	+ 5·267	− 5	m	...
...	30·704	+ 6·787	− 5	m	...
...	30·734	+15·642	− 4	m	...
671					
*	+30·755	+43·462	1·05	42.6960	10·0
...	30·829	+13·262	− 4	m	...
*	30·969	−48·177	1·10	43.6935	9·6
...	30·986	−15·230	− 1	...	...
...	31·033	+ 0·287	0·80	42.6961	10·1
...	+31·098	+ 8·658	− 4	m	...
*	31·171	+10·944	1·10	42.6962	10·0
*	31·206	− 0·891	3·00	42.6963	7·3
*	31·333	− 0·769	2·65		
..	31·273	−27·708	0·65	...	...
681					
...	+31·314	+44·385	− 1	...	...
...	31·351	−53·208	− 4	...	...
...	31·699	+26·571	− 5	m	...
*	31·747	+38·551	1·20	42.6964	9·8
...	31·766	−47·569	− 4	...	...
...	+31·902	−24·061	− 5	m	...
...	32·072	+39·029	− 4	m	...
...	32·193	−46·882	− 3	...	...
...	32·290	− 8·023	0·70	...	...
...	32·388	−30·293	− 5	m	...

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
691 750					
691					
...	+32·475	+15·917	− 3	m	...
...	32·532	−58·693	− 5	...	...
...	32·795	−29·258	− 5	...	...
...	32·840	−11·285	− 5	m	...
	32·941	−21·779	− 5	..	...
..	+32·952	−14·792	− 5	m	...
...	33·075	−31·047	− 5	...	..
..	33·243	+38·859	− 5	m	...
..	33·351	+ 0·637	− 4	m	..
...	33·439	−43·867	0·65	.	..
701					
...	+33·513	+52·832	− 5	m	...
...	33·730	−22·582	− 4	...	..
..	33·809	−22·539	− 5	m	..
...	33·840	−13·462	− 5	m	...
...	33·923	− 1·250	− 2	...	...
...	+34·035	−33·834	− 5	...	...
*	34·110	−56·429	1·80	43.6936	8·8
.	34·141	−16·622	− 5	...	...
...	34·204	+37·233	− 4	m	...
...	34·341	−26·026	− 5	...	...
711					
...	+34·403	− 6·501	− 5	m	...
...	34·599	+34·011	0·80	...	...
...	34·686	− 2·476	− 5	m	...
...	34·704	+18·643	− 2	a	...
†	35·098	−51·598	1·20	43.6937	9·2
...	+35·417	+54·327	0·90	...	...
..	35·630	−32·972	− 5	...	...
...	35·637	+40·293	− 5	m	...
...	35·646	+42·539	− 5	m	...
...	35·751	−36·485	− 1	...	...
721					
*	+36·067	−59·549	2·20	43.6939	8·8
...	36·144	+56·142	− 4	..	...
...	36·305	+34·014	− 4	m	...
...	36·377	−15·920	− 4	...	...
...	36·419	−31·579	− 5	...	...
...	+36·437	−32·845	− 5	m	...
...	36·505	+17·063	− 1	...	...
S *	36·701	+ 1·528	1·23	42.6965	9·5
...	36·730	− 0·555	− 3	a	...
*	36·743	− 1·086	1·55	42.6966	9·3
731					
...	+36·762	+ 0·024	− 4	m	...
...	36·835	+47·513	− 5	m	...
†	36·842	−14·980	− 1	...	...
*	37·005	−31·599	1·00	43.6941	9·7
...	37·095	+36·256	− 4	m	...
...	+37·175	+49·679	0·90	...	...
...	37·567	−19·204	− 4	...	...
...	37·611	−23·606	− 2	...	...
...	37·644	+27·447	− 3	...	...
...	37·691	−21·813	− 2	...	...
741					
...	+37·807	−53·144	− 3	...	...
...	37·874	+20·937	− 4	...	...
...	38·027	+35·911	0·70	...	...
...	38·048	+17·075	− 4	m	...
*	38·135	+21·370	1·00	...	...
...	+38·240	+14·064	− 1	...	...
*	38·264	−25·697	1·00	43.6942	10·2
...	38·700	+11·622	− 5	m	...
...	38·855	+ 2·696	− 4	m	...
...	39·004	+42·195	− 5	m	...

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
751 810					
751					
*	+39·046	+26·534	1·00	42.6967	10·0
...	39·051	−41·649	− 5	m	...
...	39·065	+23·853	− 5	m	...
*	39·110	−46·776	3·20	43.6944	7·2
*	39·274	−46·612	1·25		
..	+39·313	+10·673	− 4	m	...
..	39·351	− 6·083	− 5	m	...
*	39·475	+14·644	1·65	42.6968	9·3
...	39·581	+56·246	− 5	m	...
...	39·759	+16·568	− 5	m	...
761					
...	+39·841	−24·908	− 5	...	...
...	39·847	+ 0·459	− 5	m	...
...	39·933	+ 2·864	0·80	...	...
...	40·021	− 5·722	− 4	...	..
...	40·372	+44·405	− 1	..	...
...	+40·392	−19·902	− 5	...	...
*	40·416	−20·099	1·20	43.6945	9·2
...	40·688	+58·689	− 3	m	...
...	41·040	+31·997	− 5	m	...
*	41·044	+40·697	1·05	...	...
771					
...	+41·236	− 4·284	0·70	42.6970	10·1
...	41·287	+14·277	− 4	m	...
*	41·326	−27·589	1·00	43.6946	10·1
...	41·428	+19·712	− 5	m	...
...	41·522	−40·160	− 5	m	...
*	+41·524	+47·305	2·00	42.6969	9·0
...	41·728	−15·919	− 5	...	...
†	41·907	−15·007	− 5	...	...
...	42·054	−28·439	− 5	...	...
...	42·436	+32·475	0·80	...	...
781					
*	+42·623	−16·772	1·05	43.6947	9·8
*	42·673	−36·196	1·00	43.6948	9·8
*	42·790	+36·581	1·20	42.6971	10·0
...	42·860	+50·671	− 5	m	...
†	43·211	+54·747	− 1	41.7099	10·1
...	+43·498	+40·520	− 5	m	...
...	43·567	+ 0·940	− 5	m	...
...	43·898	+41·336	− 2	...	...
...	43·913	+44·705	− 5	m	...
...	44·056	−46·672	− 5	...	...
791					
..	+44·288	+39·386	0·80	42.6972	10·1
...	44·502	+37·562	− 5	m	...
*	44·637	+28·239	1·00	42.6973	10·0
...	44·658	−36·957	− 4	...	...
...	44·888	−33·540	0·65	...	...
...	+45·341	+40·392	− 1	..	...
...	45·791	−48·266	− 4	...	...
*	45·815	−32·096	2·60	43.6949	7·8
*	46·016	−49·335	1·60	43.6950	8·8
...	46·323	+ 33·721	0·65	...	...
801					
...	+46·381	+28·814	− 5	m	...
*	46·505	+14·796	1·05	42.6974	10·0
...	46·835	−15·242	− 5	...	...
...	46·989	+ 0·983	− 5	m	...
S *	47·343	+31·359	1·85	42.6975	8·9
...	+47·351	−30·272	− 2	...	...
*	47·491	+37·636	1·10	42.6976	10·0
*	47·523	−57·382	1·15	43.6951	9·6
*	47·697	+25·403	1·15	42.6977	10·0
*	47·828	+56·699	1·40	41.7102	9·4

811-840

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
811					
.	+47·[illegible]	+53·841	− 3	..	...
. .	48·238	+13·398	− 5	m	..
...	48·276	−41·983	− 1	...	...
...	48·41[illegible]	+33·399	− 5	m	...
†	48·516	−20·065	− 5	e	...
.	+48·523	−47·138	0·80	43.6952	10·1
...	48·[illegible]	−23·442	− 2	.	...
.	48·992	+ [illegible]	1·20	...	.
...	49·05[illegible]	+3[illegible]·129	− 3	...	...
S *	49·147	− 7·154	3·90	43.6953	6·8
821					
	+49·154	−34·235	− 5	...	...
*	49·178	−10·375	1·05	43.6954	9·7
...	49·195	+24·970	− 5	m	...
...	49·302	+1[illegible]·902	− 3	a	...
...	49·461	−56·136	− 5	...	...
...	+49·591	−15·714	0·70	...	...
.	49·600	+54·138	− 4	...	..
	49·814	−39·710	− 4	..	...
. .	50·244	−53·051	− 5	...	...
...	50·485	+15·917	− 5	m	...
831					
*	+50·505	+36·208	1·40	42.6978	9·4
*	50·566	+15·089	1·20	42.6979	9·6
. .	50·929	−43·898	0·75	43.6956	10·2
. .	51·021	− 1·636	− 5	m	...
...	51·314	− 1·163	− 5	...	...
...	+51·324	+ 2·493	− 5	e	...
. .	51·441	+42·806	− 5	e	...
...	51·597	−15·998	− 5	...	...
...	51·701	+22·554	0·65	...	...
...	51·705	+ 1·921	− 5	e	...

841-870

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
841					
S *	+51·738	−35·176	3·20	43.6957	7·7
*	51·779	−28·699	1·05	43.6958	9·7
*	52·221	−29·446	2·50	43.6959	8·0
...	52·334	−14·257	− 5	...	...
†	52·936	+14·912	− 4	e	..
...	+52·977	−45·473	− 5	...	...
*	53·014	−59·657	2·80	43.6961	7·8
...	53·184	−16·959	− 5	...	...
...	53·300	+ 6·230	− 5	e	...
...	53·329	−14·209	− 5	...	...
851					
*	+53·451	−16·945	1·00	43.6960	10·0
*	53·915	− 9·181	1·20	43.6962	9·6
...	54·130	−29·016	− 5	...	...
..	54·395	+39·599	− 5	m	..
...	54·979	− 7·784	− 5	...	...
...	+54·883	+48·319	− 5	m	...
†	54·993	−25·841	0·80	...	..
†	55·007	−34·669	− 5	...	...
...	55·195	+10·081	− 5	m	...
...	55·198	+29·684	− 5	e	...
861					
...	+55·308	−38·935	0·85	43.6963	9·9
...	55·606	+12·312	− 5	e	...
†	55·649	+59·652	4·00	41.7110	7·1
*	55·783	−26·985	1·15	43.6964	9·8
...	55·982	−21·542	− 5	...	...
...	+56·058	+ 3·581	0·65	...	...
...	56·603	+12·691	− 5	e	...
...	56·636	+23·561	− 1	..	...
...	56·655	+53·630	− 5	..	...
...	56·678	+47·644	0·70	42.6980	10·1

871-888

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
871					
...	+56·760	−27·483	− 4	...	...
...	57·070	−37·522	− 4	...	...
*	57·566	+14·770	1·05	42.6981	10·1
...	57·837	+19·479	− 5	e	...
*	58·007	+42·061	1·20	42.6982	9·8
*	+58·353	−46·062	1·20	43.6965	9·6
...	58·370	−25·718	− 4	...	...
...	58·424	−39·210	− 5	...	...
...	58·443	+12·503	− 3	e	...
...	58·570	−38·502	− 3	...	...
881					
†	+58·592	−34·944	− 5	...	...
*	58·656	− 4·826	1·20	42.6984	9·8
...	58·676	+36·141	0·90	42.6983	10·1
...	58·734	− 5·918	− 4	...	...
...	58·744	+19·622	− 5	e	...
...	+59·211	+49·260	− 4	e	...
.	59·245	− 7·178	− 3	e	...
†	59·979	+ 2·162	0·75	...	...

1-20

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
1					
†	−59·675	−15·866	− 3	...	...
.	59·616	+14·952	1·20	42.6979	9·6
...	59·5[illegible]	−34·302	− 5	..	...
...	59·562	+42·670	− 5	E	...
...	58·744	−39·856	− 4	..	...
	−58·707	+22·444	− 3	..	...
.	58·593	−56·272	− 5	...	..
...	58·587	−34·030	− 5	M	...
...	58·471	+ 2·294	− 5	E	..
	58·392	[illegible]·284	− 5	.	..
11					
...	−58·090	+ [illegible]·812	− 5	E	...
	57·886	−53·177	− 5	...	..
	57·[illegible]63	−16·100	− 5	...	..
	57·[illegible]52	−44·011	− 1	43.6956	10·2
†	57·[illegible]54	+14·831	− 4	E	...
*	−57·092	−28·788	1·00	43.6958	9·7
	56·960	+11·333	− 5	...	..
S *	56·927	−35·261	3·00	43.6957	7·7
...	56·624	+ 6·174	− 5	E	.
*	56·618	−29·521	2·65	43.6959	8·0

21-40

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
21					
...	−56·028	−17·001	− 5	...	...
...	55·982	−14·257	− 5	.	...
*	55·844	+59·651	3·80	41.7110	7·1
...	55·771	−16·985	0·90	43.6960	10·0
*	55·535	− 9·206	1·20	43.6962	9·6
...	−55·424	+29·667	− 5	E	...
*	54·914	−59·696	2·80	43.6961	7·8
...	54·687	+53·655	− 5	..	...
...	54·585	+12·318	− 4	E	...
.	54·491	+47·673	− 2	42.6980	10·1
31					
...	−53·949	−25·833	0·70	...	.
...	53·813	+23·592	− 3	..	...
...	53·787	+ 3·607	0·70	.	
...	53·708	−34·659	− 5	...	.
...	53·498	+12·731	− 5	E	..
.	−53·268	−38·909	0·65	43.6963	9·9
*	53·141	−26·948	1·00	43.6964	9·8
...	53·111	−21·499	− 5	.	..
*	52·993	+42·128	1·20	42.6982	9·8
	52·608	+14·842	1·00	42.6981	10·1

41-60

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
41					
...	−52·458	+19·554	− 5	E	...
..	52·148	−27·425	− 4	...	...
...	52·135	+36·223	0·90	42.6983	10·1
..	51·977	+49·359	− 4	E	...
..	51·653	+12·598	− 4	E	...
.	−51·564	+19·737	− 5	E	...
..	51·528	−37·448	− 4	...	...
...	51·017	−44·815	− 5	...	...
*	50·940	− 4·717	1·20	42.6984	9·8
...	50·823	− 5·814	− 4	..	...
51					
..	−50·591	−25·605	− 5	...	...
...	50·275	− 7·050	− 4	E	...
...	50·270	+29·195	− 4	M	...
.	50·135	−39·106	− 4	..	...
.	50·113	−34·812	− 5	...	...
..	−50·019	−38·377	− 5	...	...
*	49·999	−45·936	1·15	43.6965	9·6
...	49·892	+37·969	− 5	M	..
†	49·8[illegible]5	+ 2·305	0·70	...	...
...	48·861	+50·267	− 2	.	..

E measured from [illegible] 198, 432, 642.
E . . . 80, 322, 543, 739.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
61-120					
61					
...	−48·682	+18·209	− 5	M	...
...	48·405	+ 6·788	− 5	M	...
...	48·153	+47·439	− 5	M	...
...	47·941	+38·817	0·65	...	...
...	47·827	+46·458	0·80	42.6985	10·1
*	−47·706	−26·558	1·80	43.6966	8·6
..	47·603	− 0·113	− 4	a	...
...	47·391	−52·994	− 5	..	...
...	47·109	+49·039	− 5	M	...
...	46·694	−26·264	− 1	...	...
71					
*	−46·673	− 6·148	1·10	43.6967	9·6
...	46·516	−14·620	− 5	M	...
...	46·482	−41·979	− 4	...	...
S *	46·369	− 1·166	2·20	42.6986	8·2
...	46·332	−17·573	− 4	..	...
*	−46·229	+43·629	1·20	42.6988	10·0
*	45·731	− 4·797	1·00	42.6987	10·1
...	45·233	+27·963	− 5	M	...
...	45·170	+39·158	0·80	..	...
...	45·147	−52·125	− 4	...	...
81					
...	−45·142	−48·051	− 3	...	...
*	45·020	+29·373	1·00	42.6990	10·1
...	45·002	+ 1·471	− 4	M	...
*	44·980	+16·899	1·60	42.6989	9·2
†	44·797	−14·088	0·70	43.6968	9·9
...	−44·510	+22·291	− 5	M	...
..	44·387	+ 9·394	− 1	...	...
...	44·204	−48·674	− 5	...	...
...	44·100	−35·578	− 5	M	...
...	43·624	−14·800	− 5	M	...
91					
...	−43·311	+27·820	− 5	M	...
...	43·099	− 6·162	− 5	.	...
...	42·812	−20·201	− 1	43.6969	10·2
...	42·435	−59·222	− 3	43.6970	10·2
...	42·209	−13·892	− 5	M	...
...	−42·206	+40·251	− 5	M	...
...	41·943	+ 3·863	− 3	B	...
...	41·907	−44·392	− 5	...	...
*	41·871	−36·684	1·20	43.6971	9·2
...	41·546	− 2·492	0·70	...	...
101					
S *	−41·500	−39·078	1·30	43.6972	9·0
...	41·498	+36·372	− 4	M	...
...	41·243	−11·942	− 5	M	...
†	41·104	−29·967	− 4	...	...
...	40·755	− 6·257	− 5	M	...
‡	−40·555	+44·933	1·20	42.6991	9·5
...	40·495	−38·875	− 1	...	...
...	39·568	+22·926	− 5	M	...
...	39·061	+ 2·386	− 4	M	...
S *	39·045	+52·119	1·95	42.6993	8·6
111					
...	−38·962	+32·295	− 4	M	...
...	38·954	+59·120	− 5	...	...
...	38·883	+ 5·591	− 5	M	...
...	38·762	−20·962	− 5	...	...
...	38·732	+18·144	− 5	M	...
*	−38·724	+50·721	1·20	42.6994	9·4
*	38·630	+ 1·475	1·00	42.6992	10·1
...	38·534	−28·827	− 5	...	...
...	38·378	− 6·561	− 5	M	...
...	38·372	−23·658	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −z.	C.P.D. No.	C.P.D. Mag.
121-180					
121					
...	−38·357	−22·591	− 4	...	...
*	38·206	−16·624	1·00	43.6973	10·1
*	38·027	+55·055	1·40	41.7125	9·3
...	37·440	−37·016	− 5	...	...
...	37·415	+55·144	− 5	M	...
*	−37·177	− 9·128	1·00	43.6974	10·1
...	36·964	+46·531	− 5	M	...
...	36·956	−18·213	− 1	...	...
...	36·944	+44·959	− 5	M	...
...	36·883	− 1·614	− 5	M	...
131					
...	−36·744	+14·008	0·65	...	...
...	36·733	+20·806	− 5	M	...
*	36·535	−15·278	1·50	43.6975	9·0
*	36·524	+ 7·386	1·00	42.6995	10·0
...	36·358	+56·014	− 5	...	...
...	−36·212	−25·315	− 2	...	...
*	36·204	−16·001	1·20	43.6976	9·4
*	36·058	+41·728	1·30	42.6996	9·4
...	35·946	+42·028	− 2	...	...
..	35·871	−28·881	− 5	M	...
141					
*	−35·725	−36·534	1·20	43.6977	9·2
*	35·695	−33·962	1·30	43.6978	9·4
...	35·647	−29·517	− 5	...	...
...	35·609	−31·887	− 5	...	...
†	35·559	+54·705	− 5	M	...
*	−35·473	+43·955	1·00	42.6997	10·1
...	35·467	+32·507	− 5	M	...
...	35·449	+44·205	− 5	M	...
...	35·268	+14·782	− 5	M	...
...	35·137	−57·439	− 5	...	...
151					
*	−34·960	−13·891	1·15	43.6979	9·6
...	34·873	−40·974	− 5	...	...
...	34·743	+11·511	− 5	M	...
..	34·545	−22·850	− 5	...	...
...	34·518	+ 3·442	− 5	M	...
...	−34·354	−10·541	− 5	M	...
...	34·260	−21·836	− 1	43.6981	10·2
...	34·153	−27·098	0·65	43.6980	10·2
...	34·086	+48·427	− 5	M	...
...	34·056	+ 9·796	− 5	M	...
161					
...	−34·018	−21·606	− 4	...	...
*	33·839	−17·773	1·80	43.6982	8·8
...	33·686	− 3·247	− 5	M	...
*	33·677	+31·878	1·00	42.6998	10·1
...	33·675	+50·359	− 5	...	...
*	−33·484	+ 6·024	1·00	...	...
...	33·342	−54·270	− 2	...	...
...	33·145	−13·825	− 5	M	...
...	32·970	−22·134	− 1	...	...
...	32·755	− 0·985	− 5	..	...
171					
...	−32·690	−32·488	0·65	...	...
...	32·295	− 8·504	− 5	M	...
...	32·216	−17·457	− 4	...	...
...	31·910	−29·228	0·65	...	...
...	31·905	−50·901	0·80	43.6984	10·2
...	−31·901	−54·095	− 5	..	...
†	31·882	+49·823	− 5	M	...
...	31·880	+18·948	− 4	M	...
...	31·821	+ 1·479	− 5	M	...
...	31·730	− 6·243	− 5	M	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −z.	C.P.D. No.	C.P.D. Mag.
181-240					
181					
...	−31·624	− 9·907	0·65	43.6985	10·2
...	31·547	− 9·046	− 5	M	...
...	31·529	+ 2·060	− 5	M	...
*	31·525	+ 4·446	1·05	42.6999	9·8
...	31·504	− 7·914	− 5	M	...
...	−31·501	− 7·631	− 5	M	...
...	31·476	+10·966	− 5	M	...
†	31·453	+34·807	− 4	...	...
...	31·324	−51·164	− 5	...	...
...	30·918	+15·940	− 5	M	...
191					
*	−30·915	+58·578	1·20	41.7134	9·8
...	30·902	−27·360	− 2	...	...
...	30·769	+21·737	− 4	M	...
...	30·679	+15·999	− 5	M	...
...	30·592	+49·607	− 5	M	...
...	−30·191	−23·720	− 5	...	...
...	30·095	−24·577	− 5	M	...
...	29·716	+33·274	− 5	M	...
...	29·506	+15·860	− 4	M	...
...	29·318	− 0·129	0·65	...	...
201					
...	−29·304	− 9·090	− 4	...	..
...	29·181	−31·249	− 5	...	...
*	29·138	−11·115	1·30	43.6986	9·0
*	29·122	+23·588	1·10	42.7000	9·5
*	28·679	+46·526	1·30	42.7002	9·6
*	−28·667	+34·437	1·10	42.7001	9·5
...	28·665	+37·316	− 5	M	...
†	28·639	+54·791	− 5	M	...
...	28·559	−23·164	− 5	...	...
...	28·410	−40·935	− 5	...	...
211					
*	−28·162	+55·614	2·80	41.7135	8·0
*	28·104	+32·884	1·30	42.7003	9·0
...	27·918	+16·728	− 5	M	...
...	27·899	−21·807	− 5	M	...
*	27·283	−46·397	1·00	43.6987	9·6
...	−26·630	−36·363	− 5	...	...
..	26·628	− 4·468	0·65	.	...
...	26·390	− 7·446	− 5	...	...
...	26·195	−20·708	− 4	..	...
...	26·187	−43·730	− 3	...	...
221					
*	−26·108	−40·995	1·00	43.6988	9·8
*	26·092	−14·716	1·00	43.6989	9·4
...	26·060	+45·147	0·75	...	...
...	25·970	−24·354	− 5	...	...
*	25·903	+27·146	1·00	42.7004	10·1
...	−25·748	+16·622	− 5	M	..
..	25·486	+ 1·896	− 5	M	...
*	25·464	−36·211	1·10	43.6990	9·4
...	25·193	+17·692	− 5	M	...
...	25·089	+40·550	0·70	...	...
231					
*	−25·056	+ 1·207	1·05	42.7005	10·0
...	25·039	+ 5·513	− 2	B	...
...	24·975	−44·346	− 4	..	...
...	24·935	+ 6·879	0·70	...	...
...	24·767	+49·067	− 5	...	...
...	−24·576	+45·861	− 5	M	...
...	24·496	−23·772	− 2	...	...
...	24·471	+ 8·651	− 3	B	...
...	24·314	+ 3·385	− 1	...	...
...	24·049	+51·309	− 4	...	...

241–300

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
241					
...	−23·985	+35·137	− 1	..	...
	23·966	− 8·513	− 1	..	...
	23·929	−31·603	− 5	M	...
...	23·887	−13·247	0·70	...	...
..	23·852	−12·261	− 5	M	...
*	−23·747	+45·509	1·00	42.7006	9·8
...	23·466	−25·597	− 4	..	...
...	23·446	+14·461	− 4	M	...
*	23·414	+55·268	1·20	41.7140	10·0
...	23·378	−33·890	− 4	..	...
251					
...	−23·310	+31·457	− 2	...	...
...	23·232	+38·635	− 5	M	...
...	23·007	− 9·327	− 5	M	...
...	22·776	+26·704	− 3	A	...
...	22·564	−59·360	− 4	...	...
...	−22·550	+15·662	− 5	M	...
...	22·497	+48·987	− 5	M	...
...	22·481	+13·240	− 4	M	...
†	22·289	+ 9·914	− 5	M	...
...	22·288	−28·022	− 4	...	...
261					
*	−22·227	−41·069	1·00	43.6992	9·9
+	22·182	+34·860	1·00	...	...
...	22·047	−18·367	− 5	...	...
...	21·716	−38·355	− 4	..	...
..	21·577	−17·541	− 4	...	..
...	−21·561	+37·535	− 5	M	...
...	21·549	− 8·056	− 4	...	...
...	21·543	− 8·165	0·65	43·6993	10·1
...	21·538	−43·051	− 5	M	
...	21·509	+33·768	− 5	M	...
271					
...	−21·486	− 4·902	− 4	...	...
...	21·372	+49·701	0·65	...	...
...	21·051	−18·834	− 5	M	...
...	21·041	+ 9·493	− 4	M	...
†	20·997	−14·947	0·65	43.6994	10·1
...	−20·736	−38·952	− 4	...	...
...	20·697	− 9·494	− 2	...	..
...	20·664	−21·891	− 2	...	..
...	20·506	+12·453	0·65	...	...
...	20·225	−16·872	0·70	43.6996	10·2
281					
..	−20·222	+47·174	− 4	...	...
*	20·128	+18·308	1·00	...	...
...	20·026	+37·306	− 4	M	...
...	19·976	+18·403	− 5	M	...
...	19·849	+ 0·408	− 5	M	...
...	−19·568	− 7·650	0·70	43.6997	10·1
...	19·436	− 6·218	0·80	43.6998	10·2
...	19·047	+32·488	− 4	M	...
...	18·961	+57·758	− 5	M	...
..	18·703	−35·166	− 4	..	...
291					
†	−18·743	+34·840	− 4	M	...
	18·724	+ 1·884	− 5	M	..
	18·694	+26·742	− 5	M	..
*	18·521	−43·120	1·00	43.6999	9·6
*	18·107	+30·914	1·00	42.7007	10·1
...	−17·531	−14·239	0·75	43.7000	10·2
...	17·462	+ 3·693	− 4	M	...
...	17·461	−31·366	− 1	..	...
...	17·456	+ 3·947	− 4	..	..
*	17·449	−15·247	1·10	43.7001	9·4

301–360

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
301					
...	−17·429	−58·089	− 5	...	...
...	17·322	−42·363	− 5	M	...
...	17·258	−24·680	− 3	A	...
...	17·095	− 3·574	− 4	..	...
...	16·936	− 1·997	− 5	M	...
...	−16·872	+11·674	− 5	M	...
...	16·732	+41·869	− 3	...	...
...	16·713	−21·919	− 5	M	...
...	16·650	+37·053	− 3	C	...
...	16·026	+48·749	− 4	M	...
311					
...	−15·931	−39·061	− 3	..	...
...	15·761	+33·806	− 5	M	...
...	15·631	+28·510	− 4	M	...
*	15·509	+30·113	1·05	42.7008	10·0
...	15·237	+ 7·918	− 5	M	...
*	−15·192	− 7·409	1·00	43.7002	9·7
...	15·086	+48·523	− 4	M	...
...	15·074	−42·581	− 4	...	...
...	15·062	+56·529	− 5	M	...
...	15·045	−39·106	− 4	M	...
321					
...	−15·007	−16·656	− 5	M	...
S *	14·671	−18·718	1·85	43.7003	8·5
...	14·306	−21·641	− 5	M	...
*	14·270	−56·693	2·00	43.7004	8·6
...	14·201	− 8·872	− 3	...	...
...	−14·089	+52·243	− 5	..	...
...	13·577	−35·815	− 5	...	...
	13·540	−32·031	− 5	...	...
...	13·472	−28·356	− 5	...	...
†	13·312	+10·004	− 1	...	...
331					
*	−13·183	+55·572	2·10	41.7146	8·7
S *	13·173	+47·412	1·75	42.7009	8·8
...	13·160	+ 0·451	− 5	*β*	...
...	13·057	−41·793	− 1	...	...
...	13·038	+20·068	− 1	A	...
...	−12·969	−10·444	− 1	...	...
...	12·867	−57·052	− 5	M	...
...	12·746	+40·802	− 3	M	...
...	12·389	−56·197	− 4	..	...
*	12·355	+55·818	1·10	41.7147	10·0
341					
...	−12·289	+45·573	− 5	M	...
...	12·222	− 4·012	− 4	M	...
*	11·996	−30·204	1·15	43.7005	9·6
...	11·962	−54·604	− 5	...	...
...	11·923	+ 8·286	− 5	M	...
...	−11·800	+54·133	− 5	M	...
...	11·795	+34·459	− 1	...	...
...	11·708	+34·204	− 5	M	...
...	11·651	−28·043	− 5		...
...	11·243	+21·955	− 2	B	...
351					
*	−11·213	+22·217	1·00	42.7010	10·1
...	10·726	+27·258	0·75	...	...
...	10·408	−44·619	− 4	...	...
*	10·334	−51·992	1·80	43.7006	8·9
..	10·333	+21·500	0·75	42.7011	10·1
*	−10·313	−30·635	1·00	43.7007	9·8
...	10·284	+53·282	0·75	42.7012	10·1
...	10·142	− 7·988	− 5	..	...
*	10·121	−45·562	1·00	43.7008	9·8
...	10·028	−19·426	− 5	M	...

361–420

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
361					
...	− 9·723	+46·498	0·65	...	...
...	9·616	+31·103	− 5	M	...
...	9·168	+16·402	− 5	M	...
...	9·068	−51·533	− 5	...	...
S *	8·925	+16·795	1·90	42.7013	8·7
...	− 8·881	+19·498	− 5	M	...
*	8·662	−14·551	1·00	43.7010	9·9
*	8·641	− 7·154	1·90	43.7009	9·0
...	8·331	+21·842	− 5	M	...
...	8·195	+43·297	− 2	...	...
371					
*	− 8·168	−29·169	1·30	43.7012	9·4
...	8·035	+ 0·663	− 2	B	...
*	7·973	+28·372	2·00	42.7014	8·9
...	7·805	+30·653	− 5	M	...
...	7·741	−45·525	− 5	...	...
...	− 7·661	−14·703	− 5	M	...
...	7·410	+44·031	− 5	M	...
...	7·369	+10·198	− 3	M	...
*	7·018	−45·536	1·00	...	...
*	6·980	−40·007	1·00	43.7013	10·2
381					
...	− 6·770	−19·774	− 5	M	...
*	6·673	+34·245	1·00	...	...
...	6·447	−37·368	− 5	...	...
...	6·401	+33·692	− 5	M	..
...	6·044	+46·014	− 5	M	...
...	− 5·881	+12·158	− 5	M	...
...	5·811	+22·268	− 4	M	...
*	5·703	−48·384	1·00	43·7015	10·0
*	5·612	−51·344	1·00	43.7014	9·9
...	5·393	−43·396	− 2	...	...
391					
...	− 5·282	+24·724	− 5	M	...
...	5·230	−45·906	− 4	...	...
...	5·113	+57·080	− 2	...	...
...	5·030	−33·840	− 5	M *m*	...
...	5·021	+ 4·154	− 5	M	...
*	− 4·660	−39·047	1·00	43.7016	10·0
...	4·623	−15·924	− 5	M *m*	...
...	4·615	+23·143	0·75	...	...
...	4·036	+40·340	− 5	M *m*	...
...	3·857	−10·437	− 3	M	...
401					
...	− 3·818	−55·211	− 5	M	...
...	3·640	+27·626	− 5	M *m*	...
...	3·504	−27·802	− 5	M *m*	...
...	3·477	−14·790	− 1	...	...
...	3·281	+ 2·948	− 5	M *m*	...
...	− 3·269	−27·447	− 5	M *m*	...
...	3·241	−28·467	− 3	...	...
...	3·123	−28·400	− 4	...	...
...	3·067	−47·886	− 5	...	...
...	3·057	−17·462	− 1	...	...
411					
*	− 2·991	+30·858	1·30	42.7016	9·4
*	2·949	+10·347	1·05	42.7015	10·0
...	2·895	−31·403	− 5	..	...
...	2·831	−20·231	− 4	M	...
...	2·715	− 9·208	− 4	*m*	...
*	− 2·432	−52·428	1·35	43.7017	9·2
...	2·405	−22·731	− 5	M *m*	...
...	1·855	−41·874	− 5	...	...
*	1·827	−51·436	1·05	43.7018	9·8
...	1·425	+52·269	− 3	..	...

421–480

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
421					
...	− 1·352	−59·085	− 3	...	...
...	1·162	−20·255	− 1	...	...
*	1·128	−12·379	1·10	43.7019	9·6
*	1·046	+18·199	1·00	...	...
...	1·013	+23·667	− 1	B	...
*	− 0·892	−57·173	1·40	43.7020	9·2
...	0·816	−47·989	− 5	M *m*	...
*	0·649	+ 7·053	1·00	42.7017	10·1
S *	0·403	+29·412	1·40	42.7018	9·2
...	0·152	−36·999	− 5	M	...
431					
...	− 0·042	−34·225	− 5	M	...
†	+ 0·201	−58·243	− 5	...	...
...	0·244	−13·728	− 5	M *m*	...
...	0·307	+54·303	− 5	M	...
...	0·366	−16·862	− 4	M *m*	...
*	+ 0·376	+ 5·144	1·00	42.7019	10·1
...	0·480	+57·115	− 5	M	...
...	0·888	−22·508	− 5	M	...
...	0·922	− 6·770	− 3	...	...
†	1·126	+24·895	− 5	M *m*	...
441					
...	+ 1·242	+11·215	− 4	M *m*	...
...	1·657	−26·052	− 5	M *m*	...
*	1·663	−49·271	1·00	43.7021	9·6
...	1·843	−16·005	− 5	M	...
...	2·422	−40·469	− 4	...	...
*	+ 2·739	−42·274	1·40	43.7022	9·0
...	2·763	−19·419	0·70	43.7023	10·2
...	2·991	+25·737	− 4	M *m*	...
...	3·143	−32·373	− 5	...	...
...	3·218	−46·522	− 3	...	...
451					
...	+ 3·259	+42·570	− 3	M	...
...	3·405	+44·144	− 5	M	...
...	3·418	−48·555	− 5	...	...
...	3·557	−20·836	0·90	43.7024	10·2
*	3·728	+ 8·267	1·10	42.7020	9·8
...	+ 3·963	−45·898	− 5	M	...
...	4·128	−37·568	− 5	M	...
...	4·204	−49·650	− 5	...	...
..	4·281	−48·436	− 2	43.7025	10·2
...	4·515	− 2·628	− 1	...	...
461					
...	+ 4·536	+25·590	− 3	...	...
...	4·752	−58·393	− 4	...	...
...	4·804	+18·847	− 2	...	...
...	4·878	+28·140	− 5	*m*	...
*	5·208	− 0·846	1·00	42.7021	9·8
...	+ 5·316	+47·514	− 5	...	...
...	5·364	−20·020	− 2	...	...
...	5·382	+24·028	− 5	*m*	...
...	5·397	−37·866	− 5	...	...
...	5·514	−24·260	− 5	...	...
471					
...	+ 5·536	+17·265	− 5	*m*	...
...	5·574	+41·844	0·70	...	...
...	5·809	−26·656	− 4	...	...
...	6·035	+32·956	− 1	...	...
...	6·235	−37·487	− 4	...	...
...	+ 6·326	+17·359	− 5	*m*	...
...	6·387	+51·667	− 5	*m*	...
...	6·433	− 1·109	− 4	...	...
...	6·491	−59·459	− 5	...	...
...	6·564	−23·061	− 3	...	...

481–540

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
481					
...	+ 6·974	−48·154	− 5	...	...
...	7·013	−23·143	0·65	...	...
...	7·145	−38·881	0·70	43.7027	10·2
...	8·005	−16·263	0·70	43.7028	10·2
...	8·009	+11·633	0·80	...	...
...	+ 8·132	+38·737	− 4	*m*	...
..	8·229	+41·560	− 4	...	...
...	8·265	−30·300	0·70	43.7032	10·2
*	8·273	−39·655	1·00	43.7031	9·7
...	8·301	+31·825	0·70	...	...
491					
...	+ 8·373	+ 4·249	0·70	...	...
...	8·394	−22·205	− 3	...	...
S * [	8·430	−55·967	3·38	43.7030	7·3
*	8·436	−57·502	1·20	43.7029	9·4
...	8·657	−41·197	− 5	*m*	...
*	+ 8·755	− 4·400	1·40	42.7022	9·2
...	8·855	−43·997	− 4	...	...
*	8·953	−20·477	1·00	43.7033	9·8
...	9·097	+27·205	− 4	*m*	...
...	9·378	+33·679	0·70	...	...
501					
*	+ 9·442	−14·410	1·00	43.7034	9·8
...	9·537	−50·006	− 2	...	...
...	9·675	+35·479	− 5	*m*	...
...	9·716	−43·939	− 5	...	...
...	9·750	−31·400	− 5	...	...
†	+ 9·971	+32·362	− 3	...	...
...	10·269	+40·886	− 5	*m*	...
...	10·270	−32·845	− 5	...	...
...	10·363	−40·698	− 4	...	...
...	10·699	+35·511	− 5	*m*	...
511					
*	+10·712	−46·014	1·00	43.7035	9·8
...	10·801	− 1·621	− 3	...	...
...	10·836	−42·137	− 5	...	...
...	10·956	−37·611	− 4	...	...
*	10·984	−22·321	1·00	43.7036	9·6
...	+11·335	−25·804	− 5	...	...
...	11·535	+27·710	− 2	...	...
...	11·622	+ 1·667	− 4	*m*	...
...	11·745	−33·704	− 5	*m*	...
*	11·895	− 3·447	1·20	42.7023	9·8
521					
...	+12·276	−23·017	− 2	...	...
...	12·307	−30·047	− 5	*m*	...
...	12·621	−28·357	− 3	...	...
...	12·744	+57·079	0·65	...	...
...	12·837	+21·133	0·70	...	...
...	+12·913	− 7·797	− 5	...	...
S *	12·956	−24·408	1·68	43.7037	8·8
...	13·158	− 2·302	− 2	..	...
...	13·539	−32·637	− 4	..	...
...	13·559	−48·539	0·70	...	...
531					
*	+13·609	+38·025	1·00	...	...
...	14·082	−31·190	− 4	...	...
...	14·088	+11·472	0·90	...	...
...	14·299	−10·660	− 5	*m*	...
*	14·341	−15·333	1·00	43.7038	9·7
...	+14·363	−11·090	− 4	...	...
...	14·412	−44·556	− 3	...	...
...	14·432	+ 6·871	− 4	*m*	...
*	14·435	− 7·870	1·15	43.7039	9·4
...	14·627	+ 5·621	− 4	*m*	...

541–600

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
541					
...	+14·728	+35·706	− 5	...	...
*	14·932	−15·675	1·10	43.7040	9·6
...	15·345	−25·648	− 2	...	...
*	15·501	+19·594	1·05	42.7024	10·1
...	15·514	+37·137	− 5	*m*	...
*	+15·816	−41·610	1·00	43.7041	10·2
...	15·944	−19·819	− 5	*m*	...
...	16·103	−39·112	− 1	...	...
...	16·195	−38·253	0·70	...	...
...	16·302	−20·021	− 5	*m*	...
551					
...	+16·525	+30·620	− 5	*m*	...
...	16·654	+ 6·990	0·65	...	...
...	16·724	+55·801	− 4	...	...
...	16·782	+25·423	0·70	...	...
...	16·861	+19·775	− 4	...	...
*	+17·027	− 7·749	1·00	...	...
...	17·313	+50·093	0·85	...	...
...	17·397	− 2·402	− 2	...	...
...	17·463	+15·732	− 2	...	...
...	17·789	− 7·806	− 1	...	...
561					
...	+17·841	− 4·838	− 5	*m*	...
...	17·905	+14·145	− 3	...	...
...	18·301	−38·541	− 5	...	...
...	18·377	−43·155	0·70	43.7043	10·2
*	18·398	−44·467	1·20	43.7042	9·4
*	+18·487	−15·555	1·00	43.7044	9·8
...	18·498	−40·036	− 5	...	...
...	18·518	+12·222	− 5	*m*	...
*	18·672	− 0·324	1·00	42.7026	10·0
*	18·698	+12·274	1·00	42.7025	10·1
571					
...	+18·722	+24·291	− 5	*m*	...
...	18·862	+24·252	− 5	*m*	...
..	19·242	+57·139	− 2	...	...
...	19·604	+51·619	− 4	..	...
...	19·622	+11·990	− 5	*m*	...
*	+19·815	−32·731	1·00	43.7045	9·9
†	19·930	+40·614	− 5	*m*	...
†	19·989	+17·956	− 1	...	...
*	20·123	+41·507	1·05	42.7027	10·0
...	20·292	+45·648	− 3	...	...
581					
...	+20·610	+27·874	− 5	*m*	...
*	20·780	−27·566	1·50	43.7046	9·0
...	20·915	−18·174	− 3	...	...
...	21·207	−48·310	0·80	43.7047	10·2
*	21·274	+22·883	1·15	42.7028	9·8
...	+21·538	−11·102	− 5	...	...
...	21·777	−18·958	− 5	*m*	...
*	22·019	+ 6·665	1·10	42.7029	10·0
...	22·162	−11·165	− 3	...	...
...	22·223	+38·573	− 5	*m*	...
591					
...	+22·429	−50·508	− 5	...	...
*	22·543	+ 9·536	1·00	...	...
...	22·793	−33·991	− 1	...	...
...	22·795	+28·938	0·70	...	...
...	23·249	−13·407	− 4	...	...
...	+23·423	−44·965	− 5	...	...
*	23·424	−28·862	1·15	43.7048	9·6
*	23·467	−11·723	1·00	...	...
...	23·511	+28·702	− 1	...	...
...	23·881	−22·711	− 5	...	...

601–660

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′.	″.	−2.	No.	Mag.
601					
	−24·109	−29·764	−5	″	…
	24·224	−15·818	−5	…	…
…	24·423	+21·944	−4	…	…
..	24·475	+ 2·334	−4	″	…
	24·712	+29·504	−4	…	…
	+24·771	+ 0·723	1·00	..	…
	24·882	+58·005	−5	…	…
	24·895	−13·903	−2	…	…
	25·207	+21·999	−5	″	…
*	25·293	− 2·911	1·00	42.7030	10·1
611					
.	+25·586	−43·528	−2	…	…
*	25·947	−48·761	1·20	43.7049	9·6
.	26·263	+27·920	1·00	…	…
…	26·296	+30·865	−5	″	…
…	26·319	−45·223	−5	…	…
…	+26·384	+13·370	−4	″	…
*	26·389	+13·970	1·00	42.7032	10·1
S *	26·407	+42·590	1·45	42.7031	8·9
…	26·583	+25·681	−2	…	…
…	26·841	−33·888	−5	.	…
621					
..	+26·928	+50·059	−3	…	…
	26·954	−10·756	0·65	…	…
..	27·100	+ 6·864	−5	″	…
	27·295	−43·437	−4	…	…
*	27·389	+40·035	1·10	42.7033	10·0
	+27·609	+39·803	−5	″	…
…	27·662	−48·789	−4	…	…
…	27·788	+24·772	−5	″	…
*	27·935	−52·597	1·20	43.7050	9·7
…	28·142	+36·737	0·65	…	…
631					
..	+28·307	+14·755	−5	″	…
.	28·321	+38·397	0·70	…	…
…	28·459	+21·036	−5	″	…
	28·600	+59·823	−5	…	…
…	28·712	+41·234	−5	…	…
.	+28·728	+50·127	−3	…	..
*	28·924	−14·329	1·00	43.7051	9·8
..	28·997	− 1·470	−5	″	…
…	29·045	+41·833	0·80	…	…
…	29·585	+26·811	−5	″	…
641					
†	+30·008	−34·405	2·40	43.7053	7·8
…	30·329	− 6·040	−3	…	…
*	30·530	+25·720	1·00	42.7034	10·1
..	30·576	−42·862	0·70	43.7054	10·2
…	30·774	+ 4·280	−5	…	…
…	+31·198	+47·925	−4	…	…
	31·258	−45·517	0·70	43.7055	10·0
†	31·297	− 9·923	−3	…	..
.	31·479	−56·666	−3	…	…
	31·481	+23·044	−4	.	…
651					
.	+31·559	−38·547	−5		…
..	31·585	+17·197	0·70	…	…
S	31·712	+ 1·784	1·60	42.7035	9·0
…	31·839	− 7·181	0·90	43.7056	9·9
…	32·005	− 1·254	−5	…	…
…	+32·026	+40·127	−4	…	…
…	32·165	−43·564	−3	…	…
.	32·255	− 8·038	0·70	…	…
…	32·335	−54·380	−4	…	…
…	32·506	+38·853	0·70	…	…

661–720

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′.	″.	−2	No.	Mag.
661					
…	+32·964	+ 2·107	0·65	…	…
…	33·025	+24·373	−3		…
	33·164	+31·268	−4	..	..
…	33·388	−33·978	0·85	43.7057	9·8
…	33·476	−13·403	−4	…	…
…	+33·494	−33·471	−5	…	…
…	33·542	+ 6·767	−5	″	…
. .	33·554	+ 5·969	−5	″	…
…	33·695	− 3·248	−5	…	…
*	33·709	−58·520	1·00	43.7059	9·8
671					
*	+33·728	− 7·000	1·20	43.7058	9·2
*	33·766	+ 4·769	1·00	42.7036	10·1
S *	33·928	−48·103	2·55	43.7060	7·6
…	34·024	+23·212	−4	…	…
…	34·180	+56·298	−5	…	…
…	+34·246	+ 9·305	−5	″	…
…	34·296	−42·291	0·90	43.7062	10·1
…	34·558	+36·043	−5	..	…
…	34·679	+41·693	−5	″	…
*	34·699	−52·805	1·30	43.7064	9·2
681					
…	+35·164	−14·647	−5	″	…
…	35·171	+ 5·789	0·70	…	…
…	35·202	+13·709	−5	″	…
…	35·341	+23·631	−4	…	…
…	35·370	− 3·191	−3	…	…
…	+35·738	+11·116	0·70	…	…
…	35·882	−18·466	−5	…	…
..	36·342	−22·557	−5	…	…
*	36·459	−10·620	1·00	43.7065	9·6
…	36·478	−46·005	−4	…	…
691					
…	+36·491	− 0·389	−4	…	…
…	36·609	− 6·307	−4	…	…
..	36·726	+ 1·199	−5		…
…	37·051	− 5·416	−5	…	…
…	37·097	+ 3·540	−4	…	…
…	+38·165	+ 8·606	−5	″	…
…	38·185	−36·684	−3	…	…
…	38·529	+22·842	−5	…	…
…	38·633	+26·563	−5	..	…
*	38·704	−47·905	1·00	43.7067	9·8
701					
…	+38·713	+37·124	0·65	…	…
*	38·746	+38·342	1·25	42.7037	9·6
…	38·863	−29·585	−5	…	…
…	39·529	−51·882	−2	…	…
…	39·595	−25·677	−3	..	…
…	+39·628	−37·632	−4	..	…
*	39·833	−56·596	2·00	43.7068	9·0
…	40·188	+ 4·285	0·70	…	.
…	40·348	+59·774	−4	…	…
…	40·405	+47·224	−5	…	…
711					
…	+40·556	+ 3·557	0·90	…	…
.	40·766	+ 2·601	−5	″	…
…	40·992	+21·048	−4	…	…
…	41·165	+12·990	−4	…	…
…	41·272	− 4·587	−5	″	…
…	+41·760	−41·438	−5	…	…
…	42·077	+38·540	−4	…	…
…	42·125	+43·610	−5	.	…
…	42·208	+ 5·850	−4	″	…
*	42·319	− 6·986	1·00	43.7069	9·8

721–780

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′.	″.	−2.	No.	Mag.
721					
…	+42·326	−59·663	−5	…	…
…	42·357	+22·873	−5	″	…
…	42·390	+23·236	−3	…	…
…	42·461	−13·615	−4	…	…
*	42·708	+31·475	1·00	42.7038	10·1
*	+42·862	+39·661	1·20	42.7039	10·0
…	43·110	−33·777	−4	…	…
…	43·114	+ 3·958	−5	″	…
…	43·228	−29·532	−3	…	…
…	43·230	+33·693	−1	…	…
731					
…	+43·395	+56·987	−5	…	…
*	43·890	−32·643	1·05	43.7070	9·7
…	44·104	+56·413	−5	…	…
…	44·137	+21·876	−3	…	…
*	44·141	+13·092	1·00	42.7040	10·1
…	+44·262	+ 8·867	−4	″	…
…	44·314	− 8·060	−5	…	…
…	44·450	+ 3·206	−5	…	…
…	45·048	−11·898	−5	…	…
…	45·209	+11·566	−5	″	…
741					
…	+45·670	+46·364	−5	…	…
…	45·677	−59·586	−5	…	…
*	45·758	−13·202	1·00	43.7071	9·8
…	45·879	+ 5·441	−4	″	…
*	45·930	+28·303	1·20	42.7041	9·6
…	+46·257	−26·481	0·70	43.7072	10·2
…	46·349	−13·158	−1	…	…
…	46·778	−21·268	−5	…	…
…	46·861	+43·629	−4	…	…
*	46·953	−19·289	1·00	43.7073	10·0
751					
*	+47·050	+25·705	1·00	…	…
…	47·563	− 1·196	−4	…	…
…	47·571	+ 7·183	−5	″	…
S *	47·671	−16·877	1·80	43.7074	8·8
…	47·685	−16·664	−5	…	…
…	+48·064	− 7·896	−2	…	…
…	48·231	+45·177	−2	…	…
*	48·440	+36·597	1·30	42.7042	9·3
…	48·442	−11·937	−5	…	…
…	48·569	−38·638	−4	…	…
761					
…	+48·597	−43·996	−5	…	…
…	48·682	+58·321	−5	…	…
…	48·696	+ 8·265	−5	″	…
…	49·024	+ 3·050	−2	…	…
…	49·114	−37·530	−1	…	…
…	+49·158	+ 3·014	−2	…	…
‡	49·854	− 0·474	1·20	42.7043	9·6
‡	50·063	−22·077	1·00	43.7075	9·7
*	50·249	−46·016	1·20	43.7076	9·6
S *	50·335	+29·125	2·20	42.7044	8·2
771					
*	+50·340	+13·527	1·00	…	…
*	50·378	+ 4·094	1·00	..	…
n *	50·581	+29·038	1·15	42.7044	8·2
…	51·096	+22·566	−5	..	…
*	51·350	− 0·983	1·15	42.7045	10·0
…	+51·518	+ 5·330	−3	…	…
*	51·831	+56·935	2·60	41.7195	8·4
*	51·958	−38·576	1·05	43.7078	9·8
…	52·136	−28·517	−5	…	…
…	52·534	− 2·815	−4	…	…

770, 773. C.P.D., probably mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
781–790					
781					
...	+52·726	+ 1·403	− 5	*m*	...
*	52·938	+31·671	1·05	42.7046	10·0
*	53·082	+28·500	1·05	42.7047	10·1
...	53·163	+40·917	− 5	...	...
...	53·507	+45·546	− 3	42.7048	10·1
...	+53·845	−26·057	− 5	...	...
...	53·948	−22·280	0·90	43.7079	10·1
...	54·338	+24·351	0·65	...	...
...	54·509	+41·468	− 5	*n*	...
*	54·577	+ 0·538	1·10	42.7049	10·1
791–800					
791					
...	+54·773	−47·247	− 5		..
...	55·262	+22·505	− 5	*m*	...
‡	55·32[illegible]	−14·998	1·[illegible]	43.7080	8·8
...	55·788	+ 8·946	0·75	...	.
S *	56·033	−45·[illegible]98	2·90	43.7081	7·8
...	+56·233	+ 7·58[illegible]	− 5	*m*	..
...	56·507	−59·255	0·70	43.7082	9·8
...	56·948	+ 4·505	− 5	*n*	...
...	56·999	−56·500	− 5	.	...
*	57·423	+ 2·923	1·00	...	...
801–810					
801					
*	+57·5[illegible]9	+ 9·101	1·70	42.7050	8·7
...	57·586	+37·656	− 5	...	...
*	57·816	+56·955	1·20	41.7204	9·4
...	57·912	−35·395	− 5	...	...
*	58·021	− 5·920	1·10	43.7083	9·6
*	+58·135	− 8·227	1·20	43.7084	9·6
...	58·554	−13·940	− 5	...	.
...	59·311	− 5·433	− 5	...	...
*	59·43[illegible]	+13·113	1·10	42.7051	10·1
...	59·782	−17·381	− 5	...	...

1–40					
1					
...	−60·022	−38·809	− 5	...	...
n *	60·016	+28·899	1·10	42.7044	8·2
*	59·864	− 0·626	1·30	42.7043	9·6
...	59·811	+13·379	− 3	...	...
*	59·600	+56·821	2·80	41.7195	8·4
...	−59·495	−37·678	− 4	...	...
...	59·492	+ 3·946	− 1	...	...
...	59·319	+22·435	− 5	...	...
...	59·021	−22·213	0·95	43.7075	9·7
...	58·371	+ 5·231	− 4	...	...
11					
*	−58·347	− 1·090	1·10	42.7045	10·0
...	58·099	−46·141	0·95	43.7076	9·6
...	57·802	+40·859	− 4	...	...
*	57·740	+31·593	1·10	42.7046	10·0
...	57·603	+45·498	− 3	42.7048	10·1
...	−57·521	+28·441	0·80	42.7047	10·1
...	57·100	− 2·875	− 5	...	...
...	56·735	−28·587	− 5	...	...
...	56·628	−38·651	0·95	43.7078	9·8
...	56·459	+41·440	− 5	E	. .
21					
...	−56·133	+24·322	− 3	...	...
†	55·191	+ 0·529	0·80	42.7049	10·1
†	55·116	−22·299	− 4	43.7079	10·1
...	54·200	+ 8·963	− 4	...	...
‡	53·961	−14·996	2·00	43.7080	8·8
*	−53·629	+57·012	1·30	41.7204	9·4
...	53·553	−47·217	− 4	...	...
...	53·542	+59·134	− 5	...	...
...	53·288	+37·707	− 5	...	...
...	52·929	+ 4·569	− 5	E	...
31					
*	−52·498	+ 9·175	1·90	42.7050	8·7
...	52·392	+ 3·003	0·90	...	...
S *	52·322	−45·743	2·95	43.7081	7·8
*	51·530	− 5·826	1·10	43.7083	9·6
...	51·455	−59·181	0·65	43.7082	9·8
*	−51·367	− 8·132	1·20	43.7084	9·6
...	51·049	−56·420	− 5	...	...
...	50·780	−35·197	− 5	...	...
...	50·769	−13·821	− 5	...	...
...	50·692	+13·249	0·95	42.7051	10·1
41–80					
41					
...	−50·282	− 5·305	− 5	...	...
...	49·436	−17·210	− 5	...	...
...	49·381	+52·443	− 4	..	...
...	49·115	+46·161	− 4	...	...
...	48·926	+32·363	0·75	42.7052	10·1
...	−48·821	+21·955	− 5	M	...
*	48·764	+11·657	1·70	42.7053	8·8
...	48·391	+12·071	− 5	M	..
...	48·357	+ 0·851	0·70	...	...
...	48·256	+ 3·480	0·75	...	...
51					
*	−48·066	−25·482	2·00	43.7086	8·7
‡	48·047	+25·026	1·10	42.7054	10·0
...	47·902	+31·461	− 5	...	...
...	47·497	− 2·602	− 5	...	...
...	47·177	+27·246	− 5	...	...
...	−46·851	+36·770	0·80	42.7056	10·1
S *	46·766	+15·499	1·75	42.7055	8·7
*	46·505	+17·718	2·00	42.7057	8·6
...	46·478	+ 3·092	− 5	M	...
...	46·138	+30·309	− 5	M	...
61					
...	−45·966	+27·083	− 5	..	...
*	45·626	+32·172	1·30	42.7059	9·3
*	45·548	−10·018	1·10	43.7088	9·8
...	45·399	+ 8·412	0·85	42.7058	10·0
...	45·375	−27·425	0·90	43.7087	9·8
†	−45·162	+22·339	0·95	...	...
...	44·985	− 7·643	− 5	...	...
...	44·811	− 3·833	− 5	...	...
...	44·774	− 3·667	− 3	...	...
...	44·704	+43·665	− 5	M	...
71					
...	−44·553	−27·868	− 5	...	...
...	44·403	+ 3·623	− 1	...	...
...	44·341	+35·694	− 5	M	...
...	44·178	+19·714	− 5	M	...
...	44·101	−50·548	− 4	..	...
*	−44·010	−56·909	1·20	43.7089	9·8
...	43·571	−52·094	0·65	43.7090	10·1
*	43·556	−31·194	1·10	43.7091	9·8
*	43·433	−28·665	1·20	43.7092	9·8
...	43·432	− 3·826	− 5	...	...
81–120					
81					
. .	−42·975	+ 5·913	− 5	M	...
...	42·591	+41·424	− 3	...	...
...	42·537	+37·457	− 4	A	...
*	42·478	+11·668	1·90	42.7060	9·4
...	42·148	+27·722	− 5	M	...
*	−42·082	− 6·507	1·20	43.7093	9·6
...	41·744	+57·730	1·00	41.7214	10·0
...	41·552	+ 6·523	− 2	...	...
*	41·479	+ 2·124	1·10	...	...
...	41·450	+26·695	0·65	...	...
91					
...	−41·091	−15·584	− 4	...	...
..	40·821	+39·775	− 5	..	...
...	40·636	−27·709	− 3	...	...
*	40·632	−29·320	1·00	43.7094	10·2
...	40·436	+ 3·005	0·95	...	...
‡	−40·318	+29·192	1·30	42.7062	9·5
†	40·168	+17·354	− 3	...	...
...	40·110	+33·056	− 5	M	...
*	40·093	− 3·094	1·20	42.7061	10·0
*	40·072	+16·209	1·10	...	...
101					
...	−39·481	+23·152	− 3	...	...
...	39·389	+49·001	− 5	...	...
...	39·242	−15·187	− 4	...	...
...	38·863	+18·248	0·70	...	...
...	38·734	−10·743	− 5	...	...
...	−38·710	+13·689	− 5	M	...
...	38·534	−14·176	− 4	...	...
...	38·517	− 1·582	− 4	B	...
...	38·455	+16·493	0·65	...	...
*	38·202	+14·825	1·20	42.7063	10·1
111					
..	−38·103	−57·926	− 5	...	...
...	37·330	+ 3·691	− 2	...	...
*	37·315	+29·651	1·10	42.7066	10·1
*	37·272	+23·148	1·20	42.7064	9·8
...	36·963	+38·393	− 5	...	...
*	−36·960	+ 1·086	1·90	42.7065	9·1
...	36·860	+40·325	− 5	...	...
...	36·735	+11·494	− 5	M	...
...	36·385	−22·618	− 4	...	...
*	35·949	+ 8·624	1·30	42.7067	10·0

B measured from 1, 154, 338, 528.
E ,, ,, 66, 243, 439, 620.
2. C.P.D. combines with a brighter star beyond the range of this plate.

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
121–180					
121					
*	−35·911	+19·485	1·30	42.7068	9·8
..	35·751	−15·234	− 5	...	...
..	35·664	−34·596	− 3	...	...
...	35·609	+49·493	0·65	..	...
...	35·328	−16·882	0·90	...	...
‡	−35·193	− 2·693	1·10	42.7069	10·1
...	34·795	+26·705	0·75	...	...
...	34·663	+40·263	0·85	...	...
...	33·540	+20·165	− 5	M	...
...	33·439	+10·211	0·95	...	...
131					
...	−33·395	−31·811	0·75	...	...
...	33·303	−58·551	− 5	...	...
*	33·149	−55·327	1·30	43.7097	9·6
...	32·895	− 9·696	− 5	...	...
*	32·710	+ 9·910	1·30	42.7070	9·6
...	−32·695	−45·213	0·85	43.7098	10·1
...	32·649	+26·781	− 5	...	...
...	32·613	−55·342	− 5	...	...
...	32·402	−25·981	− 5	.	..
...	32·290	−22·066	− 5	...	...
141					
...	−32·038	+39·217	− 5	...	...
...	31·826	−50·883	0·70	...	...
...	31·637	− 5·356	− 4	...	...
...	31·561	−17·773	− 3	...	...
*	31·494	−14·155	1·30	43.7099	9·6
...	31·489	+ 6·793	− 5	M	...
...	31·430	+42·593	0·95	...	...
...	31·176	−41·007	− 1	...	...
*	31·024	−21·423	1·20	43.7100	9·7
...	30·925	+35·679	− 5	M	...
151					
...	−30·801	−30·985	− 5	...	...
...	30·742	−31·216	0·75	...	...
...	30·628	+36·630	− 3	...	...
..	29·741	−52·924	− 5	...	...
...	29·606	+55·250	− 5	...	...
...	−29·289	+41·735	− 5	M	...
..	28·835	−22·499	− 5	...	...
...	28·777	+10·326	0·95	...	...
...	28·703	+28·747	0·80	...	...
..	28·400	−28·361	− 5	...	...
161					
...	−28·133	+ 2·782	0·70	...	...
...	28·132	−45·875	− 4	...	...
..	27·913	−53·668	− 4	..	...
.	27·684	+24·412	− 5	M	...
..	27·585	−28·252	− 3	...	...
...	27·388	−10·880	− 5	M	...
...	27·312	−46·249	− 5	...	...
...	26·763	−39·896	− 4	..	...
...	26·636	+47·432	− 3	...	...
...	26·603	−13·813	− 4	...	...
171					
...	−26·585	+23·883	− 4	...	...
..	26·117	− 6·600	− 5	...	...
*	25·755	−13·945	2·70	43.7101	7·8
..	25·443	+41·183	0·80	42.7071	10·0
†	25·249	−36·666	− 4	...	...
...	−25·014	−46·481	− 5	...	...
S *	24·722	−47·668	2·50	43.7102	8·3
...	24·312	− 4·41	− 5	M	...
...	24·039	−55·932	− 1	41.7230	10·1
...	23·981	−57·028	0·65	43.7103	10·1
181–240					
181					
...	−23·968	−53·508	− 4	...	...
...	23·863	−17·011	− 4	...	...
...	23·845	+20·814	− 5	M	...
...	23·829	−53·537	− 5	...	...
...	23·725	+18·987	− 4	...	...
...	−23·647	−52·322	0·70	43.7104	10·0
...	23·526	+32·696	− 1	...	...
...	23·356	−11·517	0·80	43.7105	9·9
...	23·311	+39·868	− 4	...	...
...	23·190	+42·140	− 1	...	...
191					
...	−23·064	+15·442	− 4	B	...
...	23·037	+29·666	− 4	...	...
...	22·887	−38·230	− 5	M	...
...	22·850	+24·207	− 5	M	...
...	22·749	−45·436	− 3	...	...
...	−22·730	+58·316	− 3	...	...
...	22·688	+11·008	− 5	M	...
...	22·330	+27·727	− 5	M	...
...	22·030	− 0·614	− 5	M	...
...	21·895	+30·721	− 4	...	...
201					
*	−21·793	+32·557	1·10	42.7072	9·5
...	21·494	− 6·518	0·70	43.7106	10·2
...	21·209	−49·047	− 4	...	...
...	21·044	+51·517	− 5	...	...
...	20·891	−22·626	− 4	...	...
...	−20·887	− 2·325	0·70	...	...
...	20·840	+30·918	− 5	M	...
...	20·833	−45·770	− 2	...	...
...	20·716	− 9·141	− 1	...	...
...	20·701	+21·269	− 5	..	...
211					
..	−20·530	+23·269	− 3	...	...
...	20·440	−18·629	0·70	43.7107	9·8
...	20·258	+49·131	− 4	.	...
...	20·109	−51·978	0·95	43.7108	9·8
...	20·011	−24·978	− 4	..	...
...	−19·965	−12·490	− 5	...	...
...	19·840	−32·838	− 5	...	...
...	19·729	−27·615	− 5	...	...
...	19·478	−18·017	0·80	43.7109	10·1
*	19·258	+11·744	1·20	42.7073	9·4
221					
...	−19·098	−50·596	− 5	...	...
...	18·991	−51·737	− 3	...	...
...	18·545	−32·595	− 4	...	...
...	18·443	− 0·047	− 3	...	...
...	18·053	−33·633	− 5	...	...
...	−17·873	− 2·797	− 5	...	...
...	17·783	+52·518	− 3	...	...
S *	17·660	+17·323	1·20	42.7074	9·3
...	17·572	+44·356	− 5	M	...
...	17·532	+52·880	− 5	M	...
231					
...	−17·493	−52·208	− 5	...	...
...	17·488	−25·346	0·70	43.7110	10·2
...	17·149	−29·304	− 5	..	...
*	17·032	− 9·575	1·10	43.7111	9·8
...	16·997	+ 5·601	− 2	...	...
*	−16·976	−10·381	1·10	43.7112	9·8
...	16·520	−47·453	− 5	...	...
..	16·237	−32·836	− 4	...	...
...	16·000	− 5·506	− 3	..	...
...	15·670	−10·827	− 5	...	...
241–300					
241					
...	−15·603	+24·148	− 4	B	...
*	15·539	+ 1·006	1·30	42.7075	9·2
*	14·871	−52·761	1·10	43.7113	9·7
...	14·581	+25·660	− 5	M	...
...	14·449	+38·223	− 5	...	...
...	−14·294	+ 0·260	− 5	M	...
...	14·178	−29·091	− 5	...	...
...	14·158	−55·200	− 5	...	...
...	13·871	+ 1·982	0·70	...	...
...	13·553	−55·497	− 5	...	...
251					
..	−13·296	− 3·629	0·80	...	...
...	12·821	−19·202	0·70	...	..
...	12·646	+11·636	− 5	M	...
*	12·566	−43·993	1·10	43.7115	10·2
...	12·512	−30·527	0·65	..	...
*	−12·490	−54·021	1·80	43.7116	9·2
...	12·401	−34·352	− 3	...	...
...	12·372	+26·493	− 5	M	...
...	12·243	−29·919	− 5	...	...
*	12·070	−28·439	1·35	43.7117	9·2
261					
...	−11·964	+50·149	− 5	...	...
...	11·932	+43·775	− 5	M	...
...	11·904	+14·586	− 2	...	...
*	11·559	+34·423	1·15	...	...
...	11·498	−20·887	− 5	M	...
...	−11·449	+ 6·980	− 4	B	...
...	11·308	+ 9·852	− 5	B	...
...	11·075	+56·199	− 5	...	...
..	10·686	+36·580	− 5	M	...
...	10·646	−33·224	− 2	...	...
271					
...	−10·631	+23·977	− 4	...	...
...	10·406	−37·221	− 5	...	...
†	10·328	−35·847	− 2	...	...
†	10·235	+ 1·741	− 4	B	...
...	10·097	+26·200	− 3	...	...
*	− 9·992	−18·628	1·10	43.7118	9·8
*	9·867	−31·368	2·80	43.7119	8·0
...	9·659	+14·228	− 4	A	...
†	9·191	−14·868	0·80	43.7120	10·2
...	9·177	+36·012	− 3	...	...
281					
...	− 8·888	−52·269	0·65	...	...
*	8·841	− 5·472	1·40	43.7122	9·4
...	8·824	−57·905	0·95	43.7121	10·1
...	8·821	−37·837	0·95	...	...
...	8·645	+18·240	0·70	...	...
...	− 8·604	−26·419	− 5	...	...
...	8·584	+16·085	− 5	M	...
...	8·538	+ 4·927	− 5	M	...
...	8·487	−42·186	0·65	...	...
...	8·356	−12·626	− 2	...	...
291					
*	− 8·170	+55·143	1·30	41.7237	9·3
*	8·005	+44·222	1·20	42.7077	9·6
*	7·819	− 1·821	1·40	42.7076	9·2
...	7·661	+32·228	− 5	M	...
...	7·516	+16·185	− 5	M	...
...	− 7·383	+17·023	0·90	...	...
...	7·319	+14·310	− 5	M	...
..	6·928	+30·477	− 4	...	...
...	6·505	−23·644	− 2	...	...
.	5·979	+35·194	− 3	...	...

301–360

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
301					
...	− 5'907	+34'559	− 4	...	...
*	5·834	+11·647	1·40	42.7078	9·0
...	5·803	+38·317	− 4	A	..
...	5·778	+ 9·304	0·95	...	...
...	5·460	−12·736	− 5	...	...
†	− 5·280	+ 6·128	0·80	...	...
...	5·198	−12·948	− 4	M	...
...	5·099	−26·446	− 4	...	...
...	5·072	+24·892	− 5	M	...
...	5·035	+56·310	− 5	...	...
311					
...	− 4·462	−33·869	− 4	...	...
...	4·436	−15·740	− 5	*m*	..
...	4·187	+28·034	− 1	...	...
...	4·065	−34·146	− 3	..	...
...	4·000	−22·253	− 3	...	..
...	− 3·965	+33·811	− 4	M	...
...	3·654	−14·674	− 1	...	...
S *	3·406	+57·039	2·00	41.7240	8·7
...	3·359	+34·465	− 3	...	...
...	3·086	+21·675	− 4	M	...
321					
...	− 2·930	+34·447	− 5	M	...
...	2·762	+19·875	− 2	...	...
*	2·588	+ 1·128	1·60	42.7079	9·2
...	2·521	+50·960	0·95	...	...
*	2·456	+30·307	1·15	...	...
...	− 2·036	−40·237	0·65	...	...
...	2·017	+38·508	− 5	M	...
...	1·567	+48·215	− 5	...	...
...	1·549	−16·090	− 5	M *m*	...
...	1·380	−11·474	− 3	...	...
331					
*	− 1·270	+45·177	1·15	42.7080	9·6
...	1·113	−16·162	0·95	43.7123	10·1
...	0·796	+58·818	− 5	...	...
*	0·738	+33·549	1·10	..	...
*	0·658	−31·639	1·20	43.7124	9·7
...	− 0·553	−41·492	− 5	...	...
...	0·413	−12·530	0·65	...	...
...	− 0·096	+48·782	− 4	...	...
...	+ 0·006	+29·552	− 5	M	...
...	0·623	−13·964	− 5	M	...
341					
...	+ 0·687	+51·039	− 5	M *m*	...
...	0·757	+51·552	− 5	M	...
...	0·911	+11·160	0·80	...	...
...	0·918	−37·959	− 5	...	...
...	0·952	− 3·629	− 2	...	...
‡	+ 1·051	−14·741	1·15	43.7125	9·4
...	1·183	− 0·380	− 5	M *m*	...
...	1·198	+31·837	− 4	M	...
...	1·251	−40·644	0·95	43.7126	9·8
S *	1·493	−19·387	2·05	43.7127	8·7
351					
...	+ 1·796	−54·868	− 5	...	...
...	2·026	−27·350	− 5	...	...
...	2·041	−47·036	− 5	...	...
...	2·349	−56·438	− 5	...	...
...	2·478	+50·728	− 5	M	...
...	+ 2·652	−44·282	− 3	...	...
..	2·823	−53·361	− 5	...	...
...	2·834	+58·468	− 1	...	...
*	3·044	+15·559	2·00	42.7081	8·6
...	3·164	+27·555	− 5	M	...

361–420

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
361					
...	+ 3'487	+ 5'625	− 2	.	...
...	3·558	−47·589	− 4	...	...
...	3·650	+28·609	− 5	M *m*	..
...	4·028	+38·663	− 5	M	...
...	4·289	−18·089	− 5	M *m*	...
...	+ 4·410	+11·748	− 4	M	...
†	4·541	+40·612	− 5	M	...
...	4·556	−30·365	− 3	...	...
...	4·796	+27·646	− 4	M	...
...	4·810	+50·045	− 3	...	...
371					
...	+ 4·972	+31·980	− 5	...	...
...	5·083	−30·128	− 5	...	...
...	5·213	+24·214	− 3	...	...
...	5·308	+55·187	− 5	...	...
...	5·348	+53·746	− 3	...	..
...	+ 5·369	−35·258	− 4	..	...
...	5·389	+23·271	0·80		
*	5·441	+23·460	1·30	42.7082	9·2
...	5·461	+46·965	− 5	...	..
...	5·760	−15·417	0·70	...	...
381					
...	+ 6·327	+34·880	0·70	...	...
*	6·527	−40·925	1·30	43.7130	9·4
*	6·531	+57·905	2·50	41.7241	8·2
...	6·534	+28·160	− 1	...	...
...	6·657	+ 0·566	− 5	*h*	...
...	+ 6·781	−13·506	− 4	...	...
...	6·925	−53·280	1·00	43.7131	10·0
...	6·942	+37·315	− 3	...	...
...	7·028	+27·450	0·65	...	...
...	7·095	+38·039	− 3	...	...
391					
..	+ 7·158	+35·254	− 4	...	..
...	7·171	+28·952	− 3	...	...
...	7·380	−33·407	− 5	...	...
...	7·634	+24·674	− 1	...	...
...	7·725	+ 1·814	− 3	...	...
...	+ 7·832	−29·352	− 5	...	...
...	7·949	+47·181	0·70	...	...
...	8·081	−59·484	− 4	...	...
...	8·195	+23·556	− 5	...	...
...	8·526	+ 8·095	− 4	...	...
401					
S *	+ 8·674	+19·400	1·15	42.7083	9·3
...	8·703	+58·842	0·90	...	..
...	8·904	+56·125	− 5	...	...
...	9·054	+ 3·490	− 4	...	...
...	9·155	+14·572	0·75	...	...
*	+ 9·521	−47·137	1·05	43.7132	9·8
...	9·877	−18·308	− 3	...	...
...	9·925	+22·136	− 5	...	...
...	10·007	− 1·612	0·80	..	...
...	10·126	−53·428	− 5	...	...
411					
...	+10·261	−31·421	− 3	...	...
...	10·261	−47·672	− 5	...	..
†	10·467	+ 0·078	− 1	*f*	...
...	10·767	−33·533	− 4	...	...
...	10·769	+42·821	− 1	...	...
...	+10·910	+ 3·381	− 2	...	...
...	11·022	+49·023	− 4	...	
...	11·171	−37·581	0·70	..	...
...	11·299	−49·019	− 4	...	..
...	11·534	+31·806	− 5	...	...

421–480

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
421					
...	+11'931	+41'276	− 2	...	...
...	12·173	+35·698	− 5	...	...
..	12·223	−16·247	− 5	*m*	...
...	12·287	+50·221	− 4	...	...
*	12·372	+45·738	1·40	42.7084	9·4
...	+12·737	−14·958	− 5	..	...
...	12·753	+58·913	− 3	.	...
..	13·047	+40·108	− 5	...	...
...	13·057	+11·564	− 5	...	...
...	13·095	+46·280	− 5	...	...
431					
...	+13·263	− 0·014	− 3	...	...
..	13·312	−15·950	− 1	...	...
*	13·380	+20·233	1·05	42.7085	9·6
...	13·657	+ 9·411	− 5	...	...
...	14·236	−27·686	− 5	*m*	...
...	+14·303	−50·296	− 5	...	...
...	14·337	−21·006	− 5	...	...
...	14·399	+13·383	− 3	...	...
...	14·807	+29·343	− 5	...	...
...	14·916	−41·245	− 3	..	...
441					
...	+14·940	+57·832	− 3	...	..
...	15·276	−45·919	0·95	43.7133	10·1
...	15·487	+ 7·334	− 1	...	...
...	15·533	−24·998	− 5	...	...
...	15·535	− 1·481	− 5	...	...
*	+15·539	−31·272	1·15	43.7134	9·8
*	15·539	−58·546	1·20	43.7135	9·6
*	15·621	+56·746	1·10	41.7250	9·5
...	15·748	−55·449	− 4	...	...
...	15·782	+32·499	− 5	...	...
451					
N †	+15·873	−19·803	0·75	...	...
...	15·912	+48·154	0·95	...	...
...	15·988	+29·398	− 5	...	...
...	16·064	−46·792	0·95	..	...
...	16·088	+39·373	− 1	...	...
...	+16·174	+ 1·120	0·90	...	...
*	16·347	−44·640	1·10	43.7136	9·8
...	16·467	+ 7·954	− 5	...	...
...	16·536	+ 6·917	− 5	...	...
...	16·639	+48·524	0·85	...	...
461					
...	+16·803	−22·453	− 5	...	...
...	17·467	+30·781	− 5	...	...
...	17·481	−13·234	− 5	...	...
...	17·521	+ 4·849	− 3	...	...
...	17·522	−58·472	− 5	...	...
...	+17·650	−21·152	− 3	...	..
...	17·783	+54·797	− 3	...	...
...	17·840	+ 9·130	0·95	...	...
*	18·098	−32·925	1·15	43.7137	10·1
...	18·139	−48·627	− 3	...	...
471					
*	+18·375	−19·335	1·15	43.7138	9·8
...	18·491	− 8·697	− 5	...	...
...	18·530	+15·370	− 1	...	...
...	18·588	+18·857	− 2	...	...
...	18·615	+ 3·458	− 3	...	...
...	+18·650	−19·974	− 3	...	...
†	19·532	− 2·745	− 4	...	...
...	19·935	+28·910	− 5	...	...
S *	20·053	−45·492	2·25	43.7139	8·3
...	20·199	+ 8·116	0·90	...	..

451. Mass.

481-540

Notes.	Co-ordinates.		Diam.	C.P.D.	
			− 3.	No.	Mag.
481					
...	+20·3..	−16·5..	− 5	.	...
*	20·450	+18·916	1·1.	..	...
...	20·.39	−27·061	− 5	..	.
...	2.·993	+33·278	− 5	..	...
...	21·197	+24·258	− 3	...	...
...	+21·6.3	−53·518	0·75	...	...
N	21·934	−34·77.	1·30	43.7140	9·4
...	21·957	−16·091	− 5	...	...
...	22·039	−28·997	− 5	...	...
*	22·068	+40·343	1·90	42.7086	8·-
491					
S *	+22·152	+11·464	1·70	42.7087	8·8
...	22·345	+23·796	− 5	..	...
*	22·780	−30·239	1·30	43.7141	9·6
...	22·989	+ 5·405	0·95	...	...
†	23·236	+16·545	1·30	42.7088	9·3
...	+23·300	−53·600	− 5	...	...
...	23·366	−19·995	− 5	..	...
...	23·582	+42·890	− 5	...	...
*	23·582	+12·894	1·10	..	...
...	23·671	+36·633	− 5	..	...
501					
...	+23·769	−30·162	− 5	...	...
*	23·960	−49·959	1·10	43.7142	9·8
...	23·983	+13·613	− 5	...	...
..	24·305	−38·231	0·80	...	...
†	24·576	+21·433	− 2	...	...
†	24·644	+11·.88	1·20	42.7089	9·4
...	24·981	− 5·672	− 4	...	...
*	25·026	−23·342	2·10	43.7143	8·8
...	25·117	−35·428	− 4	..	...
..	25·399	+ 1·210	0·8.	..	...
511					
...	+25·625	+34·816	− 3	...	...
...	25·854	+23·180	− 4	..	...
...	25·989	+ 2·681	− 5	...	...
*	26·604	+38·668	1·20	42.7090	9·6
..	26·695	+ 8·242	− 3	...	...
..	+26·770	+18·.,8	0·75	.	...
...	26·941	−41·724	− 5	..	...
...	27·279	−40·915	− 5	...	...
*	27·839	−25·135	1·20	43.7144	9·6
*	28·223	+57·938	1·20	41.7255	9·4
521					
..	+28·611	+19·315	− 4	..	...
..	28·637	+12·268	− 4	...	...
*	28·660	−56·733	1·20	43.7145	9·6
*	28·790	+25·795	1·.5	...	...
...	29·091	−11·858	− 5	...	...
*	+29·174	−34·412	1·10	43.7146	10·2
...	29·328	−39·9.3	− 4	.	...
...	30·068	+ 9·473	− 4	..	.
...	30·117	−49·96.	− 5	...	...
..	30·120	+20·302	− 4	..	...
531					
*	+30·200	− .·481	2·80	43.7147	8·0
..	30·224	+38·473	− 5	...	...
	30·277	+1..731	− 5	..	...
..	30·566	−54·315	− 4	...	...
*	3.....	−51·545	1·20	43.7148	9·8
...	+30·957	+16·730	− 4	..	...
...	31·042	−53·.09	− 5	...	...
...	31·1.2	−31·680	− 4	..	..
..	31·2..	−54·426	− 5	...	..
...	31·6.5	−18·414	− 5	...	...

541-600

Notes.	Co-ordinates.		Diam.	C.P.D.	
			− 3	No.	Mag.
541					
*	+31·740	−38·997	2·10	43.7149	8·6
*	31·862	+32·536	1·10	42.7091	9·4
*	32·019	+42·648	1·50	42.7092	9·0
†	32·140	+ 5·097	− 4	...	...
...	32·160	− 7·555	− 3	...	...
...	+32·263	−38·223	− 5	...	...
...	32·571	+ 7·636	− 5	...	...
...	32·721	+21·240	− 1	...	...
...	32·776	−19·384	− 5	...	...
...	32·916	+ 1·394	− 4	...	...
551					
...	+32·924	+28·720	− 5	...	...
†	33·154	+40·081	− 4	...	...
...	33·278	− 1·749	− 5	...	...
...	33·503	+56·687	− 5	...	...
...	33·768	+15·650	− 5	...	...
*	+33·874	−29·079	2·50	43.7150	8·2
...	34·127	−45·482	− 4	...	...
...	34·156	−13·430	− 5	...	...
...	34·426	+34·747	0·65	...	...
...	34·728	−28·843	0·65	43.7151	9·9
561					
...	+34·815	−43·637	0·65	43.7152	10·2
...	34·978	−22·423	− 3	...	...
...	35·237	−15·954	− 5	..	...
*	35·551	+45·149	1·50	42.7093	9·2
...	35·586	+17·214	− 3	...	...
..	+35·604	+55·398	− 5	...	...
...	36·088	+ 8·349	0·85	...	...
...	36·248	+23·054	− 1	...	...
...	36·390	+47·774	− 5	...	...
*	36·643	−30·372	2·90	43.7153	7·9
571					
...	+36·840	−30·969	0·80	43.7154	10·0
...	37·002	−24·241	− 4	..	...
*	37·352	−24·122	1·10	43.7155	9·7
..	37·801	−16·010	− 1	..	...
...	37·809	−37·344	0·80	43.7157	10·2
...	+37·853	+17·863	− 5	...	...
...	38·082	−20·434	0·75	43.7156	10·2
...	38·170	+ 3·019	0·90	...	...
...	38·333	+58·500	− 5	..	...
*	38·646	−38·341	1·20	43.7158	9·4
581					
...	+38·682	+ 1·243	− 5	...	...
...	38·751	−29·958	− 5	...	...
...	38·800	−27·600	− 2	...	...
...	39·101	−17·150	− 4	...	...
...	39·263	+ 0·724	− 5	...	...
S *	+39·304	+30·237	2·10	42.7094	8·2
*	39·317	−37·471	1·10	43.7160	9·7
*	39·362	−11·095	1·40	43.7159	9·4
..	39·757	+16·587	− 4	...	..
...	39·997	+20·355	− 4	...	...
591					
..	+40·091	+12·560	− 5	*m*	...
...	40·128	+31·793	− 5	..	...
...	40·374	− 0·016	0·65	*a*	...
...	40·389	−10·223	0·75	43.7161	10·1
..	40·638	−17·957	− 5	..	...
...	+40·778	−41·685	− 5	...	...
*	40·975	+32·485	1·20	42.7095	9·3
..	41·148	− 2·731	− 1	..	...
..	41·315	−16·439	− 5	...	..
...	41·894	−26·460	− 4	...	...

601-660

Notes.	Co-ordinates.		Diam.	C.P.D.	
			− 3.	No.	Mag.
601					
...	+42·161	−40·396	− 1	...	...
...	42·251	+25·846	1·00	42.7096	9·6
...	42·290	−13·724	− 5	...	...
...	42·444	+19·227	− 5	...	...
...	42·602	−30·016	− 5	...	...
...	+42·721	−19·290	− 5	..	...
...	43·424	−45·575	− 5	...	...
*	43·584	−23·260	1·10	43.7162	9·8
...	43·782	+59·509	− 3	...	...
...	43·804	−26·792	− 4	...	...
611					
...	+43·896	−54·913	− 5	...	...
...	43·902	+ 5·291	0·85	...	...
*	43·911	+36·800	1·50	42.7097	9·0
...	43·945	+17·836	− 4	...	...
...	43·995	−32·528	0·70	43.7163	10·1
...	+44·093	−50·151	0·95	43.7164	9·8
...	44·259	−53·611	− 5	...	...
...	44·277	− 1·037	− 4	..	...
†	44·469	+23·209	− 4	...	...
...	44·784	−13·031	− 5	...	...
621					
...	+45·460	+26·420	− 5	...	...
...	45·525	+26·762	− 5	...	...
S *	45·614	+45·877	1·80	42.7098	8·8
...	45·766	−13·890	0·85	...	...
...	45·824	+54·553	− 1	...	...
...	+45·953	+36·297	− 4	...	...
*	46·032	+46·337	1·40	42.7099	9·0
*	46·140	+12·517	1·05	...	...
*	46·522	−31·445	1·10	43.7165	9·8
*	46·660	−32·302	1·40	43.7166	9·4
631					
...	+46·824	+58·086	− 5	...	...
...	46·991	− 1·144	− 5	...	...
...	47·099	−11·606	0·65	...	...
...	47·320	−55·029	− 5	...	...
*	47·375	−27·867	1·20	43.7168	9·8
...	+47·563	−27·903	− 4	...	...
...	48·057	+38·274	− 1	...	...
...	48·438	−47·470	− 4	...	...
...	48·829	−11·472	− 5	...	...
...	49·030	+10·539	− 5	...	...
641					
S *	+49·302	−17·083	2·65	43.7169	7·9
...	49·427	+ 2·415	− 5	...	...
...	49·908	−31·959	− 5	...	...
S *	50·001	−40·966	3·25	43.7170	7·0
*	50·026	+ 3·025	1·35	42.7100	9·0
...	+50·467	+19·712	− 3	...	...
...	50·503	−15·132	0·95	...	..
...	50·818	+ 9·998	− 5	...	...
...	51·020	+24·208	− 5	...	...
...	51·063	−15·860	− 5	...	...
651					
...	+51·936	− 8·389	0·95	...	...
...	52·185	+23·810	− 4	...	...
...	52·384	− 6·268	− 5	...	...
*	52·473	+44·056	1·40	42.7101	9·0
*	52·516	− 6·259	1·05	43.7171	10·2
*	+52·967	+27·243	1·30	42.7102	9·0
...	53·204	+ 2·600	− 5	...	...
...	53·780	+ 1·664	− 5	...	...
...	53·871	−16·229	− 5	...	...
...	53·878	−39·843	− 5	...	...

.N. Image faulty.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
661 670					
661					
...	+53·945	− 9·459	− 5	...	...
...	53·995	+21·176	− 5	...	...
...	54·132	−37·693	− 4	...	...
...	54·745	+52·437	− 5	...	...
*	54·781	−42·856	1·15	43.7172	9·9
S *	+54·817	−33·534	1·95	43.7173	9·0
*	55·042	+25·513	1·20	42.7103	9·6
*	55·342	+29·144	1·20	42.7104	9·6
...	55·715	+36·807	− 3	...	...
...	55·853	+36·254	− 5	...	...
671-680					
671					
...	+55·857	+49·271	− 5	...	...
...	56·259	+36·781	− 5	...	...
...	56·463	+18·500	− 5	...	...
...	56·710	+23·119	− 5	...	...
*	56·964	+51·319	1·20	42.7105	9·2
...	+56·984	− 6·658	− 2	...	...
...	58·016	−40·554	− 4	...	...
...	58·194	− 0·443	− 3	...	...
*	58·455	+26·077	1·20	42.7106	9·5
...	58·512	−17·974	− 5	...	...
681-688					
681					
...	+58·631	− 1·111	− 3	...	...
...	58·674	−37·109	− 3	...	...
...	58·685	−20·902	0·80	...	...
...	58·903	− 1·605	− 3	...	...
...	58·928	+10·988	− 2	...	...
...	+58·941	−45·678	− 4	...	...
...	58·993	+ 7·231	− 5	...	...
*	59·024	−26·643	1·15	43.7176	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1-40					
1					
...	−58·770	−15·257	− 2	...	...
*	58·577	+43·964	1·70	42.7101	9·0
*	58·495	−41·106	3·70	43.7170	7·0
...	58·258	+23·705	− 5	...	...
*	57·582	+27·167	1·55	42.7102	9·0
...	−57·553	− 8·476	0·65	...	...
...	57·031	− 6·333	− 1	43.7171	10·2
...	56·626	+ 2·543	− 5	...	...
...	56·544	+52·398	− 5	...	...
*	55·440	+25·503	1·00	42.7103	9·6
11					
...	−55·351	+49·281	− 5	...	...
...	55·247	+29·137	0·95	42.7104	9·6
...	55·119	+36·814	− 4	...	...
...	54·481	−37·712	− 5	...	...
*	54·301	+51·345	1·40	42.7105	9·2
S *	−53·899	−33·518	2·05	43.7173	9·0
...	53·809	+18·542	− 5	...	...
*	53·683	−42·847	1·05	43.7172	9·9
...	52·548	− 6·600	− 4	...	...
*	52·063	+26·169	1·10	42.7106	9·5
21					
...	−51·515	− 0·354	− 5	...	...
...	51·118	+11·099	− 3	...	...
...	51·075	− 1·006	− 5	...	...
...	50·784	− 1·499	− 5	...	...
...	50·678	−17·857	− 5	...	...
...	−50·503	−40·449	− 3	...	...
...	50·423	−20·785	0·70	...	...
...	50·364	+50·427	− 5	...	...
...	49·953	−36·985	− 5	...	...
...	49·922	−26·510	1·05	43.7176	10·2
31					
...	−49·409	−45·534	− 4	...	...
...	49·331	−18·540	0·95	43.7177	10·2
...	48·925	+16·936	− 3	...	...
...	48·708	−43·889	0·65	43.7178	10·2
*	48·313	− 0·677	1·60	42.7107	8·9
...	−47·601	−42·858	− 5	...	...
...	47·503	+ 0·089	− 5	...	...
...	47·240	+50·876	− 5	...	...
..	47·127	−25·998	− 5	...	...
*	45·970	+30·754	1·40	42.7108	9·2
41-80					
41					
*	−45·757	−38·390	1·10	43.7179	9·6
*	45·046	−46·274	1·50	43.7180	9·4
†	44·719	+34·560	− 4	...	...
†	44·685	−37·363	− 2	...	...
...	44·630	−18·516	0·75	...	...
...	−43·840	+37·949	− 1	...	...
...	43·811	+10·932	− 4	...	...
...	43·538	+41·526	0·70	...	...
‡	43·495	−19·680	1·20	43.7181	9·4
...	43·081	+33·056	− 3	...	...
51					
...	−42·628	−24·444	− 2	...	...
...	42·595	− 7·294	− 3	...	...
...	42·562	+32·722	− 3	...	...
...	42·398	−38·318	− 2	...	...
*	42·333	+44·586	1·10	42.7110	9·4
*	−42·186	− 6·076	1·05	43.7182	10·1
S ‡	41·909	+10·153	2·50	42.7109	8·1
*	41·323	−29·981	1·05	43.7183	10·1
*	41·263	−22·824	1·00	43.7184	10·2
...	41·027	+12·536	− 5	...	...
61					
S *	−40·948	+45·428	3·95	42.7111	6·6
...	40·758	+59·685	− 5	...	...
...	40·643	− 6·961	− 5	...	...
...	40·582	− 9·464	− 5	...	...
...	40·385	− 5·893	− 5	...	...
*	−40·195	−12·171	1·15	43.7185	9·8
†	39·810	+34·293	− 1	42.7112	9·6
†	39·715	+50·058	− 5	...	...
...	39·655	+48·499	− 4	...	...
...	38·980	+16·114	− 5	...	...
71					
...	−38·861	− 1·448	− 5	...	...
...	38·815	+41·374	− 5	...	...
...	38·396	−13·661	− 4	...	...
†	38·392	−14·765	− 5	...	...
*	38·232	+19·394	1·35	42.7113	9·0
...	−38·135	+14·667	− 2	..	...
...	38·123	−36·452	− 4	...	...
...	37·926	−50·183	− 1	43.7186	10·2
*	37·650	+54·823	1·20	42.7114	9·2
...	37·593	−11·529	− 2	...	...
81-120					
81					
*	−37·473	+48·591	1·30	42.7115	9·0
...	37·228	−15·301	0·70	..	...
...	36·846	+44·741	0·90	42.7116	9·6
...	36·715	+34·598	0·70	...	...
...	36·616	+ 3·601	− 5	...	...
*	−36·426	+59·267	1·20	41.7279	9·2
...	36·146	−12·032	− 5	...	...
...	36·127	+42·462	− 4	...	...
...	36·033	− 5·402	− 5	...	...
...	36·016	−11·816	− 5	...	...
91					
*	−35·615	−26·185	1·20	43.7187	9·4
...	35·180	+34·338	0·70	42.7118	9·6
...	35·039	+ 3·873	− 2	...	...
...	35·010	+ 9·606	− 4	...	...
...	34·995	+ 7·577	− 3	..	...
...	−34·992	+27·970	− 3	...	...
‡	34·926	+10·843	2·20	42.7117	8·4
...	34·841	− 7·924	− 5	...	...
...	34·469	+ 8·711	− 1	...	...
...	34·377	−25·546	− 4	...	...
101					
*	−33·958	−52·192	1·15	43.7188	9·8
...	33·359	+ 7·272	− 5	...	...
*	33·124	− 6·106	1·10	43.7190	9·9
*	33·115	−11·290	1·90	43.7189	9·0
...	33·047	−42·604	− 5	...	...
...	−32·706	−50·685	− 4	...	...
..	32·592	−33·397	0·65	...	...
*	32·117	−31·951	1·20	43.7191	9·2
*	32·035	+36·350	1·10	42.7119	9·5
...	32·025	+12·471	0·70	...	...
111					
...	−31·744	− 0·425	0·80	...	...
...	31·696	−51·913	− 4	...	...
...	31·675	+53·008	− 5	...	...
...	31·567	+ 4·850	0·65	...	...
...	31·215	− 9·470	− 2	...	...
...	−31·166	− 0·771	− 5	...	...
...	30·966	−32·215	− 5	...	...
...	30·799	+ 6·756	0·65	...	...
*	30·772	−28·625	1·10	43.7192	9·8
*	30·684	−32·267	1·40	43.7193	9·2

B measured from 1, 123, 275, 424.
E .. ,, 43, 206, 351, 498.

121–180

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	4.	No.	Mag.
121					
...	−30·551	+20·338	− 4	...	...
*	30·261	+11·081	1·20	42.7120	9·2
†	29·697	−30·873	− 5	...	...
*	29·239	+41·447	1·15	42.7121	9·2
...	29·238	+53·180	− 4	...	...
...	−29·003	+ 1·421	− 5	...	...
...	28·905	− 1·012	− 4	...	...
..	28·873	+30·922	− 3	...	...
...	28·824	−28·239	− 5	...	...
...	28·456	−40·830	− 5	...	...
131					
...	−27·843	−13·602	− 5	..	...
...	27·791	− 3·361	− 4	...	...
...	27·782	+30·029	− 5	...	...
...	27·686	−23·060	− 4	...	...
..	27·670	−13·271	− 5	..	...
...	−27·641	+49·960	− 4	...	...
	27·202	+ 5·740	− 5	...	...
...	26·807	+51·779	− 5	...	...
*	26·668	−10·273	1·90	43.7194	8·8
...	26·476	−14·181	0·90	43.7195	10·0
141					
...	−26·430	−31·986	− 5	...	...
‡	26·114	− 9·765	1·00	43.7196	10·0
*	26·100	+16·047	1·00	42.7122	9·6
...	25·529	−51·641	0·75	43.7197	10·2
†	25·325	− 9·719	− 4	...	...
...	−25·259	+27·383	0·65	42.7123	9·6
...	24·994	+48·276	0·70	42.7124	9·6
†	24·799	−48·442	− 3	...	...
‡	24·767	+39·105	0·70	...	...
†	24·493	− 9·669	− 3	...	...
151					
...	−24·436	+21·741	− 5	...	...
...	24·430	−22·834	− 4	...	...
*	24·412	+33·945	1·15	42.7125	9·1
...	24·304	−19·872	− 3	...	...
...	24·178	− 0·213	− 5	...	...
...	−24·025	− 0·590	− 4	...	...
...	23·948	− 1·563	0·70	...	...
...	23·834	−41·669	− 4	...	...
...	23·447	−45·346	− 4	...	...
...	23·385	+13·244	− 3	...	...
161					
...	−23·252	+10·686	− 3	...	...
*	23·216	+32·487	1·00	42.7126	9·6
...	23·161	−22·854	− 5	...	...
...	22·766	+41·009	− 5	...	...
...	22·698	−17·708	− 5	...	...
...	−22·547	+11·085	− 4	...	...
*	22·376	+33·482	3·00	42.7127	7·2
...	22·191	+33·392	0·65	...	...
*	21·982	−57·312	1·10	43.7198	9·8
*	21·754	+10·335	1·00	42.7128	9·5
171					
...	−21·432	−13·155	− 4	...	...
S *	21·378	−17·552	2·95	43.7199	7·2
*	21·285	− 0·126	1·05	42.7129	9·3
...	20·988	+19·800	− 5	...	...
..	20·805	+51·062	− 3	...	...
†	−20·798	− 9·653	− 3	...	...
...	20·275	−31·341	− 2	...	...
...	19·[illegible]	− 6·479	− 5	...	...
...	19·670	+29·032	− 5	...	...
...	19·533	− 2·522	− 3	...	...

181–240

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	4.	No.	Mag.
181					
...	−19·505	+48·839	− 5	...	...
...	19·412	+59·425	− 3	...	...
*	19·317	− 5·269	1·05	43.7202	9·9
*	19·089	−31·429	1·10	43.7203	9·8
...	19·075	−45·332	0·70	43.7201	10·2
...	−19·050	+25·665	− 2	..	...
...	18·726	+26·895	− 2	...	...
*	18·430	+24·319	1·30	42.7130	9·0
..	18·398	−10·377	0·90	43.7204	10·2
...	18·378	+ 4·412	− 3	...	...
191					
*	−17·841	+17·339	2·20	42.7131	8·4
...	17·399	+14·129	− 5	...	...
...	17·321	−47·369	− 5	...	...
...	16·400	−23·668	− 5	...	...
*	16·393	−10·898	2·60	43.7205	8·4
...	−16·345	+55·508	− 2	...	...
...	16·264	+ 4·773	− 5	...	...
S *	15·998	−55·324	2·85	43.7206	7·7
...	15·806	+11·607	− 4	...	...
*	15·804	−57·825	3·50	43.7207	7·2
201					
...	−15·550	+15·739	0·90	42.7132	9·6
...	15·520	+16·339	− 5	...	...
...	15·420	+39·644	− 4	...	...
...	15·373	−36·901	− 3	...	...
...	15·290	−59·220	− 5	...	...
...	−14·709	+39·246	0·70	...	...
*	14·690	+16·864	1·20	42.7133	9·2
...	14·521	−24·015	− 4	...	...
...	14·189	−48·542	− 5	...	...
...	14·017	− 0·012	− 5	...	...
211					
*	−13·928	−20·986	1·05	43.7208	9·8
...	13·890	+16·769	− 1	...	...
S *	13·669	+18·736	2·55	42.7134	7·8
*	13·653	−13·599	1·00	43.7209	10·0
...	13·190	+22·641	0·70	...	...
...	−13·186	−35·919	− 5	...	...
...	13·079	−13·682	− 5	...	...
...	13·074	−10·011	− 5	...	...
...	11·402	+28·239	− 5	...	...
S *	11·086	+49·612	2·70	42.7135	8·0
221					
...	−10·978	− 3·400	− 5	...	...
...	10·847	−23·485	− 4	...	...
...	10·151	−40·101	− 5	...	...
...	9·997	+37·863	− 1	...	...
†	9·949	+36·275	− 3	...	...
‡	− 9·884	−51·411	1·05	43.7210	9·8
†	9·837	+41·441	− 3	...	...
...	9·681	+17·241	− 4	...	...
*	9·244	+29·933	1·70	42.7136	8·6
...	9·159	−51·632	− 4	...	...
231					
...	− 8·881	−29·226	− 5	...	...
...	8·313	−32·526	− 1	...	...
...	8·308	− 8·457	− 5	...	...
...	7·933	+39·170	− 3	...	...
...	7·876	+23·083	− 5	...	...
...	− 7·677	−31·241	− 5	...	...
...	7·452	+ 4·678	− 1	...	...
*	7·323	+30·394	1·15	42.7137	9·3
...	7·221	+30·397	− 4	...	...
...	7·287	+ 6·096	− 4	...	...

241–300

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	4.	No.	Mag.
241					
...	− 7·136	+15·701	− 5	...	...
...	7·115	−31·009	− 3	...	...
...	6·775	+47·052	− 5	...	...
...	6·632	−12·367	− 4	...	...
...	6·437	+55·779	− 5	...	...
...	− 6·314	− 8·910	− 5	...	...
...	5·900	+ 8·210	0·90	...	...
...	5·843	+ 1·046	− 4	...	...
*	5·745	−59·123	1·90	43.7211	9·2
†	5·334	+40·199	− 3	...	...
251					
...	− 5·275	−17·195	− 5	〃	...
...	5·230	− 7·555	− 5	〃	...
...	5·131	−26·528	− 5	...	...
...	4·977	−40·581	0·80	43.7212	10·2
...	4·675	+29·453	− 5	...	...
...	− 4·572	+33·892	0·80	...	...
...	4·170	+39·734	− 5	〃	...
...	3·520	−22·292	0·65	...	...
*	3·467	−11·574	1·30	43.7213	9·2
...	3·213	−52·682	− 5	...	...
261					
*	− 3·173	+ 1·432	1·05	42.7138	9·6
...	2·474	−55·475	− 4	...	...
...	2·438	+29·206	− 5	〃	...
*	2·126	−12·928	1·05	43.7214	10·1
...	2·069	−53·192	− 5	...	...
...	− 1·480	− 2·463	− 4	...	...
...	1·407	−41·332	0·80	43.7215	10·2
...	1·134	+23·335	0·80	42.7139	9·6
*	0·973	+31·461	1·05	42.7140	9·6
*	0·469	+53·926	1·20	42.7141	9·2
271					
*	− 0·170	−27·024	1·20	43.7216	9·2
...	0·144	+47·485	1·00	42.7142	9·6
...	− 0·048	−22·488	− 3	...	...
...	+ 0·012	− 9·835	− 4	...	...
‡	0·138	+54·338	1·40	42.7144	9·1
*	+ 0·286	+18·760	1·00	42.7143	9·6
...	0·344	−48·392	− 5	...	...
...	0·530	−30·930	− 4	...	...
...	0·622	−27·755	0·90	43.7217	10·2
*	0·718	−16·040	1·10	43.7218	9·8
281					
...	+ 0·975	+44·514	0·80	...	...
...	1·492	−23·559	− 5	*m*	...
...	1·612	+ 9·100	− 5	A *m*	...
*	1·757	+28·034	1·10	42.7145	9·6
*	2·116	+ 9·343	1·05	42.7146	9·6
*	+ 2·314	−35·467	2·20	43.7219	8·7
...	2·555	+54·101	− 3	...	...
...	2·582	−45·057	− 5	*m*	...
...	3·088	+32·727	− 5	*m*	...
...	4·333	−44·891	− 4	...	...
291					
...	+ 4·429	+14·996	− 5	B *m*	...
...	4·569	− 3·033	− 4	*m*	...
...	4·598	+ 4·245	− 5	*m*	...
...	4·799	+51·913	0·80	42.7147	9·6
...	4·858	−13·726	− 5	*m*	...
†	+ 5·096	−46·856	0·80	43.7221	10·0
...	5·136	+57·087	− 5	...	...
...	5·345	−13·845	− 4	*a*	...
...	5·400	+59·515	− 5	*m*	...
...	5·529	+44·364	0·70	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
301-360					
301				°	
...	+ 5·807	+43·666	− 5	*m*	...
...	6·157	+20·113	− 5	*m*	...
...	6·686	+31·876	− 5	*m*	...
...	6·708	−16·547	− 3	...	...
...	6·732	−48·700	− 4	...	...
...	+ 6·889	−45·267	− 4	...	...
...	6·912	−41·565	0·90	43·7222	10·1
...	6·958	−12·451	− 4	...	...
...	7·008	−19·979	0·70	43·7223	10·2
...	7·089	+27·839	− 5	*m*	...
311					
...	+ 7·528	− 5·882	− 4	...	...
...	7·570	− 8·780	− 3	...	...
...	7·603	−13·858	− 5	*m*	...
...	7·712	−33·186	− 5	*m*	...
...	7·855	+16·105	0·70	...	...
...	+ 7·894	+46·838	0·65	...	...
...	8·294	+ 7·028	0·90	...	...
...	8·517	+44·830	0·70	...	...
...	8·687	−15·431	− 5	*m*	...
...	9·072	−17·575	− 3	...	...
321					
...	+ 9·111	+19·566	0·80	42.7148	9·6
*	9·591	−38·424	1·00	43.7224	10·2
...	9·853	−29·037	− 5	...	...
*	9·875	+19·102	1·10	42.7149	9·2
...	10·331	−21·772	− 5	...	...
...	+10·408	+15·718	− 5	*m*	...
...	10·447	+39·418	0·65	...	...
*	10·502	−31·197	1·00	43.7225	9·9
*	10·552	−13·736	1·65	43.7226	9·2
*	10·594	−55·006	2·90	43.7227	8·0
331					
...	+10·671	+55·235	− 4	...	...
...	11·035	+12·765	− 5	*m*	...
...	11·186	− 4·348	− 1	...	...
...	11·529	+ 8·827	− 3	*b*	...
*	11·579	−56·056	1·10	43.7228	9·6
...	+11·706	−59·395	− 5	...	...
*	11·737	−10·103	1·65	43.7229	9·2
...	12·280	−49·393	0·90	43.7231	10·1
*	12·284	− 8·574	1·05	43.7230	9·9
...	12·296	− 0·888	− 1	*a*	...
341					
...	+12·364	+24·379	− 5	*m*	...
...	12·561	−10·223	− 5	...	...
...	13·398	+22·092	− 4	*a*	...
...	13·674	+ 8·657	− 5	*m*	...
...	14·221	+59·775	− 5	*m*	...
S *	+14·408	+ 8·681	1·55	42.7150	8·6
...	14·514	−26·877	0·70	...	...
*	14·538	−21·996	1·00	43.7232	9·9
...	14·687	−55·739	0·70	43.7233	10·2
...	14·793	+35·807	0·85	...	...
351					
†	+15·114	+15·189	− 5	*m*	...
S *	15·236	+33·419	2·23	42.7151	8·5
...	15·265	+33·020	0·90	42.7152	9·4
...	15·287	+44·512	− 4	...	...
...	15·328	+26·549	− 5	*m*	...
...	+15·367	−23·672	− 5	*m*	...
...	15·407	−30·891	0·75	...	...
...	15·691	+ 8·630	− 4	*b*	...
...	16·285	+48·183	− 5	...	...
...	17·219	−10·026	− 1	43.7234	10·2
361-420					
361				°	
...	+17·443	+51·127	− 5	...	...
...	18·009	+34·474	− 3	..	...
...	18·234	− 8·040	− 5	*m*	...
...	18·317	+35·481	0·90	...	...
...	18·937	− 7·226	− 1	...	...
*	+19·516	+15·478	1·20	42.7153	9·4
†	20·122	+ 6·718	− 3	...	...
...	20·267	−23·585	0·65	...	...
...	20·408	+ 9·522	− 5	*m*	...
...	20·495	−14·879	− 3	...	...
371					
...	+20·656	+42·917	− 4	...	...
...	20·818	+23·377	− 5	...	...
*	21·083	−50·541	1·20	43.7235	9·6
*	21·274	+43·018	1·05	42.7154	9·6
*	21·341	+16·224	1·10	42.7155	9·6
...	+22·239	+42·553	− 2	...	...
*	22·741	−40·563	1·15	43.7236	9·9
*	23·024	−51·209	1·00	43.7237	10·0
...	23·026	+13·378	− 4	...	...
*	23·072	+ 1·935	1·05	42.7156	9·6
381					
*	+23·208	− 3·801	1·00	...	...
...	23·284	−14·018	− 4	...	...
...	23·376	+46·718	− 5	*m*	...
...	23·785	− 3·988	− 5	*m*	...
...	23·834	+29·903	− 5	*m*	...
...	+23·915	−37·914	− 5	...	...
...	24·147	−33·271	− 5	*m*	...
...	24·203	+ 6·022	− 5	*m*	...
...	24·287	+58·282	− 3	...	...
*	24·358	−25·504	1·10	43.7238	9·8
391					
...	+24·486	+ 5·676	− 1	...	...
...	24·644	+34·776	− 5	*m*	...
...	24·672	+32·454	0·80	...	...
...	24·787	+11·354	− 5	*m*	...
...	24·824	+42·579	− 4	*b*	...
S *	+24·870	−47·844	2·75	43.7239	7·9
...	25·178	+ 6·769	− 5	*m*	...
...	25·264	+ 4·903	− 1	...	...
*	25·317	−47·055	1·10	43.7240	9·6
...	25·387	+48·014	− 5	*m*	...
401					
...	+25·667	−53·011	− 5	...	...
S *	26·005	−18·691	2·35	43.7241	8·4
*	26·185	− 5·144	1·00	43.7242	9·9
*	26·444	+22·824	1·00	...	...
..	26·938	+36·071	− 5	*m*	...
...	+27·375	+24·618	0·80	...	...
...	27·422	+ 6·049	− 5	*m*	...
...	27·702	+ 7·898	− 5	*m*	...
...	27·718	+23·556	− 5	*m*	...
*	27·928	−17·427	1·90	43.7243	9·0
411					
...	+27·930	−50·833	− 5	...	...
...	28·400	+24·578	− 4	...	...
...	28·430	−30·137	− 5	...	...
*	28·578	−37·794	1·40	43.7244	9·2
...	28·934	−46·062	− 3	43.7245	10·2
*	+29·013	−26·443	1·20	43.7246	9·8
*	29·254	+51·698	1·20	42.7157	9·5
...	29·272	− 7·503	− 5	...	...
...	29·512	+47·929	− 3	...	...
*	29·531	−44·021	2·40	43.7247	8·4
421-480					
421				°	
...	+29·727	+ 7·557	− 5	*m*	...
*	29·849	−40·836	1·00	43.7248	9·9
...	29·940	−31·929	− 3	...	...
...	30·253	+29·753	− 4	...	...
...	30·344	+51·274	− 5	...	...
...	+30·498	+36·845	− 5	*m*	...
*	30·727	+25·372	1·05	42.7158	9·6
...	30·771	−34·392	− 5	*b*	...
*	31·015	+43·478	1·10	42.7159	9·4
...	31·029	− 8·907	− 4	...	...
431					
...	+31·267	−21·239	0·90	43.7249	10·2
...	31·898	+25·402	1·00	42.7160	9·6
...	32·281	+53·090	− 3	...	...
*	32·378	+ 0·884	1·10	42.7161	9·2
...	32·448	−37·555	− 3	...	...
*	+32·566	−50·383	1·05	43.7250	9·8
*	32·720	−38·858	1·05	43.7251	9·8
...	33·025	+24·470	− 5	*m*	...
...	33·060	−29·788	− 3	...	...
*	33·605	− 9·915	1·00	43.7252	10·1
441					
...	+33·735	+11·371	− 1	...	...
...	33·804	+ 4·594	0·70	...	...
...	33·905	+24·926	− 3	...	...
...	33·932	−24·798	− 3	...	...
...	34·484	+26·550	1·00	42.7162	9·6
*	+34·509	+27·734	1·50	42.7163	9·1
...	34·529	+14·186	− 1	...	...
...	34·572	+42·577	− 4	*b*	...
...	34·768	− 9·347	− 3	...	...
†	34·989	− 8·863	− 1	...	...
451					
...	+35·126	−24·772	− 1	...	...
...	35·461	+ 8·017	− 3	*b*	...
..	35·545	−49·407	− 5	...	...
...	35·627	+12·780	− 5	*m*	...
...	36·016	+35·350	− 3	...	...
...	+36·087	−48·484	0·70	43.7254	10·2
...	36·311	− 1·109	− 5	*m*	...
...	36·370	+ 3·525	− 5	*m*	...
...	36·415	+42·628	− 4	...	...
..	36·567	+23·868	− 5	*m*	...
461					
...	+36·603	−24·004	− 4	...	...
*	37·090	+17·394	1·00	...	...
...	37·159	−53·721	− 5	...	...
...	37·304	−51·383	− 5	*a*	...
*	37·923	−56·718	1·00	43.7256	10·0
†	+38·665	−19·598	− 3	...	...
...	38·731	−36·862	0·90	43.7258	10·1
*	38·814	+ 0·515	1·20	42.7164	9·4
...	38·888	+14·286	− 3	...	...
...	39·036	−55·834	− 5	...	...
471					
...	+39·335	−23·873	− 5	*m*	...
*	39·475	−38·775	1·05	43.7259	9·9
...	39·637	−16·079	− 3	...	...
†	39·949	−39·558	0·80	43.7260	10·0
‡	40·056	+15·524	1·00	42.7165	9·6
...	+40·535	+30·538	− 3	...	...
*	40·618	− 1·348	1·10	42.7166	9·4
...	40·978	−37·715	0·85	43.7261	10·0
...	41·105	+28·427	− 4	*b*	...
...	41·382	−42·273	− 5	*b*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
		481–510			
481					
*	+41·571	+27·105	1·55	42°.7167	8·9
.	41·572	−46·290	− 5	...	...
...	41·662	−22·891	0·65	...	...
...	41·830	+ 3·979	− 4	*h*	...
...	42·076	− 1·173	0·90	...	...
*	+42·504	−28·749	3·00	43.7262	7·8
...	42·598	−38·746	0·65	...	...
...	42·707	−53·948	0·90	43.7263	10·1
...	42·739	+23·643	− 5	*m*	...
*	42·901	+52·599	1·80	42.7168	9·3
491					
S *	+43·524	+26·557	1·95	42.7169	8·5
*	43·687	−57·444	1·00	43.7265	9·8
*	43·932	+31·250	1·90	42.7170	8·8
*	44·319	−18·131	1·00	43.7266	10·0
...	44·532	+39·793	− 4	...	...
...	+44·784	+27·561	− 5	*m*	...
‡	44·870	+52·605	1·40	42.7171	9·4
†	45·087	−44·138	0·80	43.7267	10·0
...	45·177	+58·616	− 3	...	...
...	45·285	+36·193	− 4	...	...
501					
...	+45·495	+56·386	0·70	41.7330	9·6
*	45·517	− 8·362	1·00	43.7268	10·0
...	45·528	+ 8·838	0·70	...	...
...	45·561	+25·636	− 5	*m*	...
...	45·652	−18·393	− 5	...	...
...	+45·677	+28·814	− 5	*m*	...
...	45·795	−46·117	− 3	...	...
...	45·823	+11·121	− 5	*m*	...
...	46·023	−54·371	− 5	...	...
*	46·427	−21·338	1·20	43.7269	9·4
		511–540			
511					
..	+46·540	−23·616	− 5	..	...
*	46·611	+ 9·275	1·20	42.7172	9·2
...	47·000	+ 8·099	− 2	...	...
*	47·335	−24·247	1·20	43.7270	9·6
...	47·369	+32·050	0·65	42.7173	9·6
...	+47·371	− 3·526	0·90	42.7174	10·1
...	47·398	−44·193	− 5	...	...
...	47·540	−13·635	− 5	...	...
...	47·739	+12·984	− 5	...	...
...	47·899	−47·518	0·80	43.7272	9·8
521					
S *	+48·003	−46·447	2·90	43.7273	8·2
...	49·155	+51·806	− 4	42.7175	9·6
*	49·768	+34·951	1·10	42.7176	9·3
‡	49·834	+ 0·360	1·10	42.7177	9·4
†	50·193	−29·538	− 5	...	...
...	+50·221	−38·653	− 5	...	...
...	50·363	+ 6·752	− 3	...	...
*	51·023	− 8·332	1·20	43.7275	9·4
...	51·195	−12·014	0·80	43.7276	10·2
*	51·790	+ 1·655	1·00	...	...
531					
...	+52·070	+35·091	− 3	...	...
...	52·110	−43·904	− 4	...	...
...	52·748	+31·188	− 3	...	...
...	52·809	+38·623	− 4	*e*	...
...	53·108	+11·223	− 5	*e*	...
...	+53·119	−15·188	− 5	...	..
*	53·240	−37·159	1·05	43.7277	9·9
...	53·653	+ 9·606	− 4	...	...
S *	53·699	+ 4·452	2·70	42.7178	8·0
...	53·830	−59·065	− 5	...	...
		541–562			
541					
...	+53·899	+ 1·465	0·80	42°.7179	9·6
*	54·280	−56·312	2·90	43.7278	8·0
...	54·421	− 3·980	− 5	*e*	...
...	54·882	−14·342	− 5	...	...
...	55·103	+14·653	− 5	*e*	...
...	+55·687	−59·109	− 5	...	...
†	56·385	−29·588	− 5	*e*	...
*	56·924	+24·565	1·00	42.7180	9·6
*	57·029	+ 0·839	1·10	42.7181	9·6
†	57·109	+35·138	− 5	...	...
551					
...	+57·112	+12·344	− 4	...	...
*	57·814	−11·566	1·05	43.7279	9·6
...	57·814	−15·949	− 5	...	...
...	58·083	−19·859	− 5	...	...
...	58·122	+51·307	− 4	...	...
...	+58·238	−56·538	0·90	43.7280	9·8
*	58·353	+ 9·518	1·20	42.7182	9·4
..	58·495	− 0·002	− 1	*f*	...
...	58·583	−51·912	− 4	43.7281	10·2
...	58·898	+30·730	− 5	...	...
561					
...	+59·144	+49·456	− 5	*e*	...
...	59·547	+12·970	− 5	*e*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
		1–20			
1					
..	−59·552	+ 6·614	− 2	° ...	...
...	59·019	−24·769	− 5	M	...
...	58·953	+ 5·811	− 5	M	...
.	58·711	+34·989	− 1	...	...
..	58·642	−29·670	− 4	...	...
*	−58·45[illegible]	− 8·445	1·10	43.7275	9·4
...	58·310	−38·784	− 4	...	...
.	58·188	−46·273	− 5	M	...
...	58·165	−12·124	0·90	43.7276	10·2
..	58·052	+38·537	− 1	E	...
11					
..	−57·[illegible]	−45·014	− 5	M	...
..	57·[illegible]	+31·405	− 5	M	.
...	57·986	+ 1·559	0·90	...	...
...	57·910	+31·101	0·65	...	...
.	56·940	+11·156	− 4	E	...
...	−56·349	+ 6·564	− 1	..	...
...	56·[illegible]	−42·975	− 3	...	...
S *	56·148	+ 1·412	1·85	42.7177	8·0
...	56·138	−13·233	− 4	...	...
.	55·861	+ 1·434	0·85	42.7179	9·6
		21–40			
21					
†	−55·426	+14·814	− 5	° M	...
*	55·379	−37·196	1·00	43.7277	9·9
...	55·184	− 3·999	− 5	E	...
...	55·047	+14·623	− 3	E	...
...	54·401	−14·340	− 4	...	...
...	−54·245	−37·929	− 5	M	...
...	54·127	−59·062	− 4	...	...
*	53·759	−56·301	2·50	43.7278	8·0
...	53·671	+35·190	− 1	...	...
...	53·661	−43·269	− 5	M	...
31					
*	−53·535	+24·611	1·00	42.7180	9·6
...	53·139	+51·367	0·65	...	...
...	53·030	+11·924	− 5	M	...
...	53·017	−17·543	− 5	M	...
...	52·971	+12·407	0·65	...	...
...	−52·764	+50·458	− 5	...	...
*	52·725	+ 0·894	1·00	42.7181	9·6
...	52·552	−14·535	− 5	M	...
...	52·468	−29·544	− 4	E	...
...	52·272	−59·067	− 4	...	...
		41–60			
41					
...	−52·056	+49·553	− 2	° E	...
...	51·939	− 0·671	− 5	M	...
...	51·757	+30·828	− 3	...	...
*	51·642	+ 9·619	1·00	42.7182	9·4
*	51·565	−11·478	1·00	43.7279	9·6
...	−51·425	−15·865	− 4	...	...
...	51·396	− 7·539	− 5	M	...
...	51·225	+ 0·107	0·90	...	...
...	51·088	−45·970	− 5	M	...
..	51·053	−19·753	− 3	...	...
51					
...	−50·921	+38·464	− 5	M	...
...	50·888	−38·661	− 4	...	...
...	50·565	+13·097	0·65	E	...
...	49·867	−51·686	− 5	...	...
*	49·802	−56·419	1·10	43.7280	9·8
†	−49·590	−51·776	0·65	43.7281	10·2
...	49·464	−14·548	− 5	M	...
N *	49·085	+43·847	1·20	42.7183	9·4
...	48·843	+ 6·520	0·80	...	...
*	48·277	−36·640	1·00	43.7282	9·8

SB measured from 1.
E ... ...903.

58. Mass. 42°·95, two stars.

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
61–120					
61					
...	−48·212	−31·189	0·65	...	...
...	48·162	−22·998	− 4	B	...
...	47·995	+36·010	− 5	M	...
...	47·647	− 51·413	− 2	...	...
...	47·526	−45·605	0·65	...	...
*	−46·782	− 31·291	1·00	43·7283	10·2
...	46·748	+11·700	− 4	M	...
...	46·722	+ 7·815	− 1	...	...
...	46·696	+59·286	− 5	...	...
...	46·546	− 11·341	− 5	M	...
71					
...	−45·883	+49·460	− 1	...	...
*	45·825	−39·703	1·00	43·7284	9·9
...	45·716	+33·187	− 2	...	...
...	45·647	− 7·581	− 5	M	...
...	45·621	−13·991	− 4	...	...
*	−45·185	+41·096	1·00	...	...
†	45·013	−35·050	− 5	M	...
...	44·880	+56·007	0·90	41·7340	9·6
...	44·872	−12·791	− 5	M	...
...	44·860	+ 6·496	− 4	M	...
81					
...	−44·543	−19·626	− 5	M	...
...	44·111	−31·794	− 5	M	...
*	44·089	−36·804	1·10	43·7285	9·4
...	43·774	+52·813	− 3	...	...
...	43·594	+22·210	− 5	M	...
...	−43·530	+ 1·005	− 5	M	...
...	43·501	+10·754	− 5	M	...
...	43·419	+16·670	− 2	...	...
*	43·388	+48·804	1·20	42·7185	9·4
*	43·275	+16·740	1·00	42·7184	9·6
91					
‡	−43·206	−30·060	1·15	43·7287	9·2
...	43·122	−33·165	0·80	43·7286	10·2
...	42·944	+49·248	− 5	M	...
...	42·856	−33·871	− 2	...	...
...	42·792	+30·451	− 4	...	...
...	−42·724	+11·056	0·80	...	...
...	42·624	− 9·449	− 2	...	...
...	42·434	− 9·314	0·70	43·7289	9·8
...	42·402	− 9·463	0·85		
...	42·377	−22·564	0·65	...	...
101					
...	−42·320	+18·154	0·70	...	...
...	41·756	+40·245	0·90	...	...
...	41·720	+ 5·110	− 2	...	...
...	41·318	− 9·194	− 2	...	...
...	40·857	− 0·642	− 5	M	...
...	−40·740	−15·980	− 5	M	...
*	40·729	+ 0·343	1·20	42·7186	8·8
...	40·678	+13·563	0·90	...	...
...	40·591	+22·547	− 1	...	...
*	40·433	+27·954	1·00	42·7187	9·6
111					
...	−40·056	+46·462	− 4	...	...
*	39·992	−15·256	1·00	43·7290	9·4
*	39·924	+27·669	1·00	42·7189	9·5
*	39·908	+13·935	1·00	42·7188	9·4
...	39·009	−18·088	0·90	...	...
...	−38·983	−14·407	− 5	M	...
S *	38·829	− 9·135	2·00	43·7293	7·7
...	38·494	− 0·841	− 3	A	...
...	38·437	− 2·884	− 2	...	...
...	38·362	− 4·791	− 5	M	...

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
121–180					
121					
...	−38·282	−19·383	− 5	M	...
...	38·268	+45·064	− 5	M	...
...	38·101	+31·121	− 4	...	...
*	38·004	− 9·783	1·10	43·7295	9·2
*	37·992	−33·620	1·00	43·7294	9·9
*	−37·872	−15·465	1·60	43·7296	8·4
...	37·797	−23·074	− 5	M	...
S *	37·745	+41·344	1·45	42·7190	8·6
...	37·374	+21·364	0·75	...	...
...	37·326	+14·238	− 3	...	...
131					
...	−37·309	−58·813	− 4	...	...
...	37·244	−24·386	− 3	...	...
...	36·833	−15·816	− 4	M	...
*	36·708	−41·779	1·05	43·7297	9·4
...	36·212	+10·115	− 3	C	...
...	−36·087	−53·934	− 5	M	...
...	35·975	+47·686	− 4	...	...
...	35·962	− 2·650	− 3	A	...
*	35·940	−10·260	1·00	43·7299	9·9
...	35·896	−15·952	− 1	...	...
141					
...	−35·685	−32·539	0·90	43·7298	10·1
...	35·642	−52·153	− 5	...	...
...	35·521	+15·898	− 4	M	...
*	35·323	− 1·948	1·00	42·7191	9·5
...	35·245	−26·158	− 5	M	...
...	−35·226	−15·904	− 5	M	...
...	35·060	+ 8·517	− 4	B	...
...	34·992	+ 8·314	− 2	C	...
*	34·936	−18·300	1·10	43·7300	9·4
†	34·906	+29·803	− 5	M	...
151					
...	−34·832	+ 2·178	0·85	...	...
†	34·656	−16·960	0·75	...	...
...	34·221	+5·563	− 1	...	...
...	34·117	−34·170	− 2	...	...
...	33·677	+ 1·203	0·90	...	...
...	−33·647	+34·156	− 5	M	...
...	33·592	−32·792	− 4	A	...
...	33·199	+17·740	0·65	...	...
...	32·875	−30·095	0·75	...	...
S *	32·820	−47·295	1·20	43·7301	9·0
161					
...	−32·705	+11·005	− 4	M	...
...	32·105	−20·823	− 5	M	...
...	31·901	+ 8·487	− 5	M	...
...	31·856	−40·293	− 5	M	...
...	31·801	−14·543	− 5	M	...
...	−31·797	− 0·702	− 2	A	...
...	31·384	− 6·048	− 5	M	...
...	31·164	−26·029	− 2	...	...
...	31·023	+40·853	0·75	...	...
...	30·883	−54·186	− 5	M	...
171					
...	−30·835	−30·202	− 5	M	...
...	30·808	+31·665	− 2	B	...
...	30·803	+ 4·341	0·90	...	...
*	30·721	+18·660	1·00	42·7192	9·6
...	30·661	− 2·262	− 3	...	...
...	−30·587	−42·839	0·70	...	...
*	30·389	−35·670	1·10	43·7303	9·0
...	30·253	− 9·721	− 5	M	...
...	30·216	−41·983	0·90	43·7305	10·2
*	30·082	−46·566	1·05	43·7304	9·4

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
181–240					
181					
...	−30·060	−41·755	− 3	...	...
...	30·040	−26·741	− 5	M	...
...	29·944	−57·452	− 4	...	...
...	29·936	−20·462	− 5	M	...
...	29·851	+20·540	− 4	M	...
†	−29·676	−11·147	− 1	...	...
...	29·647	+14·514	− 5	M	...
...	29·553	+30·981	− 2	...	...
...	29·503	+19·063	0·80	42·7193	9·6
...	29·423	+50·859	− 4	...	...
191					
*	−29·231	+11·308	1·00	42·7194	9·6
...	28·694	−17·291	− 5	M	...
...	28·693	+ 5·564	− 4	M	...
...	28·486	+28·117	− 4	M	...
...	28·258	−33·529	− 5	M	...
...	−27·801	− 2·393	− 5	M	...
...	27·714	− 3·178	− 3	...	...
...	27·440	−12·624	− 5	M	...
...	27·161	+12·946	− 4	M	...
...	27·116	+ 7·418	− 4	M	...
201					
...	−27·064	−17·978	− 4	M	...
...	26·966	−25·914	− 1	...	...
*	26·875	+12·754	1·00	42·7195	9·5
...	26·865	−34·599	− 4	A	...
*	26·807	+14·080	1·00	42·7196	9·6
...	−26·717	+28·158	− 5	M	...
...	26·654	+23·349	0·90	...	...
...	26·424	+26·884	− 5	M	...
...	26·322	−51·308	− 5	M	...
...	26·088	−31·516	− 5	M	...
211					
*	−26·027	+30·921	1·00	42·7197	9·6
†	26·020	+59·672	− 4	...	...
...	25·574	−57·445	− 2	...	...
...	25·311	+14·520	− 5	M	...
...	25·289	− 7·160	− 3	...	...
...	−25·138	+46·875	− 5	M	...
...	24·964	−11·730	0·65	43·7308	10·2
*	24·915	−30·542	1·00	43·7307	9·9
†	24·782	+20·390	0·70	...	...
...	24·654	+32·183	− 5	M	...
221					
†	−23·956	− 0·021	− 5	M	...
...	23·903	−45·811	0·90	43·7309	10·0
*	23·587	+40·636	1·00	42·7198	9·5
...	23·536	−46·833	0·90	43·7310	10·0
...	23·525	− 8·064	− 4	...	...
...	−23·204	+59·262	− 3	...	...
...	23·147	−33·694	− 5	M	...
...	22·947	+33·395	− 5	M	...
...	22·878	+15·763	− 3	B	...
...	22·543	+46·100	− 1	...	...
231					
...	−22·298	− 8·178	− 5	M	...
*	22·277	−38·347	1·00	43·7312	9·8
†	21·896	−20·052	0·70	43·7313	10·2
...	21·689	+ 3·819	0·65	...	...
*	21·642	+ 5·038	1·00	42·7199	9·4
...	−21·133	−20·472	0·85	43·7314	10·2
...	20·707	−38·916	− 5	M	...
...	20·687	+11·731	− 4	M	...
...	20·399	+22·036	− 4	M	...
...	20·393	−19·330	− 5	M	...

241-300

Notes.	Co-ordinates. x.	y.	Diam. − 3.	C.P.D. No.	Mag.
241					
*	−20·317	+39·341	2·20	42.7200	8·0
...	20·207	+39·409	0·90		
...	20·306	−30·326	− 5	M	...
...	20·197	+49·880	0·90	42.7201	9·6
...	20·186	−48·888	− 3	...	...
...	−20·135	− 7·361	− 5	M	...
...	19·961	+13·506	− 5	M	...
...	19·956	− 7·767	− 5	M	...
...	19·664	−33·053	− 4	M	...
...	19·531	−32·600	− 5	M	...
251					
...	−19·387	−38·165	0·90	43.7315	10·1
*	19·229	+19·034	1·00	42.7202	9·0
...	19·145	−22·968	− 5	M	...
...	19·144	−39·075	− 5	M	...
...	18·775	+44·138	− 3	A	...
...	−18·736	+48·540	0·75	...	...
...	18·408	−34·843	− 3	...	...
*	18·349	−19·627	1·00	43.7316	9·8
...	18·164	−31·152	− 5	M	...
...	18·061	+54·332	0·70	...	...
261					
...	−18·018	+54·113	− 5	M	...
...	17·890	−44·583	− 5	M	...
...	17·723	−34·776	− 5	M	...
...	17·314	−36·835	− 3	...	...
...	17·294	−56·581	− 3	...	...
...	−17·290	+47·537	− 5	M	...
...	17·134	+25·024	− 4	M	...
*	17·130	+41·232	1·00	42.7203	9·6
...	17·116	+30·378	0·90	...	...
...	16·759	+54·256	− 3	...	...
271					
...	−15·976	+34·179	− 5	M	...
*	15·936	+16·454	1·05	42.7204	9·0
...	15·868	+52·668	− 5	M	...
*	15·714	−47·854	1·00	43.7317	9·6
...	15·690	−46·978	− 2	...	...
...	−15·625	−13·155	0·70	...	...
...	15·604	+ 0·543	− 4	M	...
...	15·595	+15·380	− 2	B	...
...	15·546	+32·296	− 5	M	...
...	15·523	−31·499	0·70	...	...
281					
...	−15·487	−15·181	− 2	43.7318	10·2
...	15·399	+14·814	− 5	M	...
...	15·357	−38·602	− 5	M	...
...	15·317	−59·[illegible]02	− 5	M	...
...	15·192	−49·385	0·65	...	...
*	−15·141	+41·605	1·10	42.7205	9·2
*	15·0[illegible]	−41·844	1·00	43.7319	9·3
...	15·004	+51·536	− 1	...	...
...	14·916	−27·263	− 5	M	...
...	14·898	−46·[illegible]	− 5	M	...
291					
...	−14·437	−49·723	0·70	...	
*	14·417	−35·361	1·10	43.7320	9·0
...	14·276	+34·011	0·65	...	...
...	14·019	− 8·594	0·80	...	...
...	13·988	−34·[illegible]	− 3	...	...
...	−13·720	−39·058	− 5	M	...
...	13·416	−12·820	0·70	43.7322	10·2
...	13·244	+10·981	− 5	M	...
...	13·219	+39·218	− 5	M	...
...	13·191	+21·242	0·75	...	...

301-360

Notes.	Co-ordinates. x.	y.	Diam. − 3.	C.P.D. No.	Mag.
301					
...	−13·048	−24·428	− 5	M	...
...	12·978	+ 9·993	− 5	M	...
...	12·869	−56·400	0·65	...	...
...	12·865	− 8·242	− 4	M	...
...	12·653	−19·929	− 5	M	...
...	−12·412	+51·853	− 5	M	...
...	12·386	+39·750	− 5	M	...
...	12·328	−27·081	− 4	...	...
...	12·286	+17·549	− 2	B	...
...	12·172	−23·622	− 2	...	...
311					
...	−12·050	−16·080	− 5	M	...
*	12·042	+24·307	1·00	42.7206	9·5
*	11·441	−35·883	1·00	43.7323	9·5
...	11·312	−29·069	− 5	M	...
...	11·218	−22·948	− 2	...	...
...	−11·092	−16·304	− 5	M	...
...	11·076	−25·827	− 3	...	...
...	10·832	−32·362	0·70	...	...
...	10·740	+37·344	− 5	M	...
...	10·634	+30·245	− 5	M	...
321					
...	−10·621	−39·639	0·90	...	...
...	10·452	−27·305	− 5	M	...
...	10·218	−55·578	− 5	...	...
...	10·112	−29·687	− 5	M	...
...	10·027	−29·078	− 4	...	...
...	− 9·881	−11·991	− 5	M	...
...	9·610	− 7·835	− 5	M	...
*	9·562	− 1·089	1·00	42.7207	9·5
...	9·179	−39·793	− 5	M	...
...	9·131	+21·408	0·80	...	...
331					
*	− 9·064	−25·373	1·00	43.7325	9·9
...	8·758	− 8·851	− 5	M	...
...	8·756	− 3·474	− 4	M	...
...	8·638	+51·677	− 5	M	...
...	8·341	−17·369	− 2	...	...
...	− 8·264	+36·573	− 5	M	...
...	8·176	−39·617	− 5	M	...
...	8·170	−11·110	0·75	...	...
*	8·078	+53·727	1·10	42.7208	9·2
*	7·949	+53·789	1·00		
341					
*	− 7·874	−58·585	1·10	43.7326	9·3
...	7·645	−35·176	− 5	M	...
‡	7·378	+59·696	1·05	41.7363	9·6
*	7·348	+11·336	1·20	42.7209	8·8
...	7·325	+ 2·203	− 3	C	...
...	− 7·043	+26·912	0·70	...	...
...	6·959	+32·241	− 5	M	...
...	6·904	− 2·162	− 2	...	...
*	6·573	+34·741	1·00	42.7210	9·4
...	6·500	+45·500	− 5	M	...
351					
*	− 6·485	+59·420	1·35	41.7364	9·1
...	6·452	−37·335	− 4	...	...
...	6·410	−50·224	− 4	M	...
...	6·206	−55·[illegible]	− 4	M	...
...	6·199	−11·267	− 4	...	...
...	− 6·011	+12·057	− 3	B	...
...	5·886	−43·292	0·70	43.7327	10·2
...	5·627	−50·436	− 5	M	...
...	5·502	+ 9·064	− 5	M	...
...	5·331	−21·5[illegible]7	− 3	...	...

361-420

Notes.	Co-ordinates. x.	y.	Diam. − 3.	C.P.D. No.	Mag
361					
...	− 5·257	−33·135	− 5	M *m*	...
...	5·256	−45·315	0·75	...	...
*	5·145	−29·104	1·00	43.7329	9·6
*	5·134	−48·510	1·05	43.7328	9·5
...	5·023	+16·311	− 3	B	...
‡	− 4·813	−49·301	1·00	43.7330	9·9
...	4·278	+ 3·179	− 5	M *a*	...
...	4·214	+21·532	0·75	...	...
...	4·213	−46·964	− 5	...	...
...	3·973	+12·592	− 3	M	...
371					
...	− 3·810	−12·997	0·85	43.7331	10·2
...	3·760	+ 3·599	− 4	M	...
...	3·754	−37·072	− 4	M *m*	...
...	3·666	−32·402	− 4	...	...
n *	3·370	+17·650	1·00	42.7211	8·6
...	− 3·186	− 2·640	− 2	A *m*	...
S *n* *	3·111	+17·856	1·25	42.7211	8·6
...	3·045	−35·286	0·70	43.7332	10·2
...	2·981	+49·890	− 5	M	...
...	2·949	−18·969	0·85	43.7333	10·2
381					
...	− 2·697	+42·706	− 5	M	...
...	2·511	+ 6·752	− 5	M	...
...	2·377	−23·334	− 3	...	...
...	2·174	−14·505	− 5	M *m*	...
...	1·831	+21·414	− 5	M *a*	...
...	− 1·597	−13·023	0·75	43.7334	10·2
...	1·515	−32·944	− 5	M	...
...	0·882	−44·639	− 3	M	...
...	0·772	+ 7·818	0·65	...	...
...	0·768	− 6·329	− 5	M *m*	...
391					
...	− 0·702	−48·266	− 4	M	...
...	0·665	+21·252	− 5	M	...
...	0·488	− 4·696	− 5	M *m*	...
...	0·242	+12·353	− 5	M	...
...	0·165	+11·966	− 4	M	...
*	− 0·067	+17·212	1·00	...	...
...	− 0·016	+57·928	− 5	...	...
*	+ 0·028	−13·963	1·00	43.7335	9·6
†	0·103	+28·705	0·90	42.7212	9·6
‡	0·166	−32·199	1·10	43.7336	9·4
401					
...	+ 0·428	+58·003	0·65	...	...
*	1·043	+12·336	1·00	...	...
...	1·140	+45·192	0·65	...	...
*	1·262	+25·643	1·00	42.7213	9·5
...	1·376	−52·691	− 5	M	...
...	+ 1·403	−45·953	0·80	43.7337	10·2
...	1·421	+51·080	− 5	M	...
*	1·452	+15·951	1·00	42.7214	9·6
n	1·472	−36·385	0·90	43.7338	10·0
...	1·478	−50·202	0·80	43.7339	10·2
411					
...	+ 1·650	−27·270	− 3	...	...
n	1·832	−36·470	− 2	43.7338	10·0
...	2·139	−23·422	− 5	M	...
...	2·254	+33·290	− 5	M	...
.	2·468	−34·526	− 5	...	...
*	+ 2·582	−24·445	1·00	43.7340	9·4
...	2·792	−30·911	− 4	M	...
*	2·987	−28·721	1·00	43.7341	9·5
...	3·167	− 6·381	− 5	M *m*	...
M *	3·215	+ 0·613	1·00	42.7215	9·6

[illegible], [illegible], C.P.D., probably [illegible].

409, 412. C.P.D., suspected double.

421–480

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
421					
...	+ 3′275	−15′527	− 4	° M	...
...	3′404	−29·888	− 5	M *m*	...
...	3′478	−30·828	− 4	...	...
...	3′492	−28·523	− 4	...	...
...	3′520	−31·579	− 5	M *m*	...
S *	+ 3′570	+42·653	1·90	42.7216	8·2
*	3′593	+57·542	1·35	41.7369	9·0
...	3′769	−38·657	− 4	M	...
...	4′233	− 8·035	− 5	M *m*	...
...	4′429	+12·480	− 5	M	...
431					
...	+ 4′510	−31·030	− 4	...	...
...	4′556	− 3·731	0·65	B	...
...	4′726	−13·453	− 5	M *m*	...
†	5′047	+53·277	− 5	...	...
†	5′087	+32·249	0·70	...	...
*	+ 5′102	−36·164	1·00	43.7342	10·0
†	5′141	−48·529	− 3	...	...
S *	5′426	−20·682	1·20	43.7343	8·8
...	5′478	+35·946	− 5	...	...
...	5′786	− 9·168	0·65	43.7344	10·2
441					
...	+ 5′976	+16·392	− 2	...	...
...	5′999	−40·937	− 5	...	...
...	6′044	− 9·877	− 5	...	...
...	6′150	−18·663	0·70	...	...
...	6′272	−58·436	− 5	...	...
*	+ 6′297	−50·051	1·00	43.7345	9·8
...	6′327	−32·842	− 3	...	...
...	6′555	+26·329	− 2	...	...
...	6′630	−13·031	− 5	*m*	...
...	6′658	−32·957	− 2	...	...
451					
...	+ 6′674	−57·200	− 4	...	...
...	6′738	−39·055	− 5	*m*	...
*	6′809	−34·155	1·60	43.7346	8·2
...	7′050	−28·790	− 5	...	...
...	7′156	+27·839	− 5	...	...
...	+ 7′458	−22·513	0·90	43.7347	10·0
...	7′482	+36·784	− 3	...	...
...	7′725	−58·122	0·65	...	...
...	7′819	−40·050	− 5	*m*	...
*	7′954	+19·318	1·00	42.7217	9·6
461					
...	+ 8′041	+28·135	− 5	...	...
...	8′091	−33·779	0·65	...	...
...	8′111	+26·882	− 4	...	...
...	8′254	+52·001	− 2	...	...
*	8′301	+42·490	1·15	42.7218	9·1
...	+ 8′597	+15·640	− 4	...	...
...	8′635	− 2·862	0·75	42.7219	10·2
...	8′980	+14·136	− 4	...	...
...	9′168	− 4·944	0·70	43.7349	10·2
*	9′170	+39·097	1·05	42.7220	9·3
471					
...	+ 9′691	+11·592	− 4	...	...
S *	9′934	−51·991	1·20	43.7350	8·9
...	9′937	+31·798	− 5	...	...
*	10′210	+18·065	1·00	...	...
...	10′272	+41·070	− 5	...	...
...	+10′477	+ 2·825	0·70	...	...
...	10′565	− 5·109	0·90	43.7351	10·1
...	10′858	−31·627	− 2	...	...
...	11′003	−44·360	− 2	...	...
*	11′146	+ 2·096	1·50	42.7221	8·4

481–540

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
481					
...	+11′808	+38′297	− 4	° ...	...
...	11′900	−14·662	− 3	...	...
...	12′113	+50·291	− 4	...	...
*	12′413	−57·027	1·10	43.7353	9·8
...	13′064	−11·510	− 1	...	...
...	+13′321	−13·282	− 5	...	...
...	13′342	−50·095	− 4	...	...
...	13′380	+33·476	0·65	...	...
*	13′654	+56·980	1·25	41.7373	9·2
...	13′715	−40·925	− 5	...	...
491					
...	+14′159	−37·739	− 3	...	...
...	14′179	+14·876	− 5	...	...
...	14′242	+13·033	− 5	...	...
...	14′306	+35·098	− 1	...	...
†	14′533	−44·965	− 5	...	...
*	+14′554	+16·551	1·00	...	...
...	14′579	+ 9·365	− 4	...	...
...	14′687	+28·082	− 5	...	...
...	14′761	+38·699	− 4	...	...
...	14′838	−12·193	− 3	...	...
501					
...	+14′882	+57·059	− 3	...	...
...	14′893	−42·077	− 3	...	...
‡	14′910	+39·753	1·25	42.7222	8·6
...	14′935	+35·721	− 5	...	...
...	15′030	− 2·778	− 5	*m*	...
‡	+15′114	−45·811	1·20	43.7355	9·2
‡	15′124	+45·306	1·00	42.7223	9·4
...	15′358	+55·960	− 4	...	...
...	15′404	+ 0·829	− 5	...	...
...	15′574	−44·106	− 4	...	...
511					
...	+15′605	− 7·625	0·80	43.7356	10·2
*	15′647	+48·290	1·00	...	...
...	15′678	+23·102	− 2	...	...
...	15′751	+35·401	0·75	...	...
*	15′770	+ 6·415	0·90	42.7224	9·6
...	+15′787	+21·127	− 3	...	...
*	15′948	+ 2·699	1·50	42.7225	8·6
*	16′179	−37·349	1·10	43.7357	9·4
...	16′195	−57·367	− 4	...	...
...	16′233	+30·130	− 5	...	...
521					
*	+16′330	+ 8·911	1·20	42.7226	9·0
...	16′348	−15·167	− 1	...	...
...	16′452	−20·736	− 1	43.7358	10·2
...	16′463	+33·997	− 5	...	...
*	16′591	− 2·544	1·00	42.7227	9·3
...	+16′627	−59·593	− 1	...	...
...	16′637	+14·680	− 4	...	...
...	16′642	+18·112	− 5	...	...
...	16′749	+ 6·216	0·85	...	...
...	16′877	−33·975	− 4	...	...
531					
...	+17′063	−22·045	− 5	...	...
...	17′158	−23·553	− 3	...	...
...	17′214	−29·687	− 5	*m*	...
...	17′227	−35·946	− 5	...	...
...	17′384	−15·260	− 4	...	...
...	+17′594	−12·817	− 5	*m*	...
...	17′693	+ 1·004	0·75	...	...
...	17′897	−39·712	− 2	...	...
...	17′980	−32·238	− 1	...	...
...	18′264	+ 4·059	− 5	...	...

541–600

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
541					
*	+18′404	−23′033	1·00	° 43.7360	9·8
...	18′425	− 6·055	− 5	*m*	...
...	18′896	−15·061	− 3	...	...
...	18′898	+32·241	− 5	...	...
*	19′095	−58·897	1·45	43.7361	8·4
...	+19′256	+21·516	− 5	...	...
...	19′613	−13·831	− 3	...	...
...	19′706	−48·270	− 5	*m*	...
...	19′787	−25·316	0·90	43.7362	10·1
*	19′917	+27·342	1·25	42.7229	8·9
551					
...	+19′950	+50·650	− 5	...	...
*	19′951	+ 1·855	1·10	42.7228	9·0
...	20′002	+40·080	0·90	...	...
...	20′040	−20·391	− 4	...	...
...	20′244	+22·460	− 4	...	...
...	+20′730	−12·993	0·65	...	...
f *	20′801	+ 0·157	1·00	42.7230	9·4
...	20′970	+ 7·106	− 5	...	...
...	21′041	−33·847	− 3	...	...
S *	21′142	+ 7·138	1·20	42.7231	8·6
561					
...	+21′187	−46·523	0·90	43.7364	10·1
...	21′725	−51·156	− 5	...	...
...	22′002	+16·424	− 2	...	...
...	22′363	−30·913	− 4	...	...
...	22′650	−49·159	− 2	...	...
...	+22′848	−23·235	− 5	...	...
...	22′960	−35·991	0·80	...	...
...	23′104	− 3·451	− 2	...	...
...	23′588	+ 7·353	− 3	...	...
...	23′643	−55·747	− 5	...	...
571					
*	+23′729	−33·895	1·00	43.7365	9·6
...	23′817	+15·022	− 4	...	...
...	24′010	+47·149	0·90	...	...
...	24′410	+36·768	0·80	...	...
*	24′576	− 4·677	1·00	43.7366	9·6
...	+24′589	−29·228	− 5	*m*	...
*	24′640	−32·671	1·20	43.7368	8·8
...	24′651	+ 8·879	− 3	...	...
...	24′697	+ 1·178	0·80	...	...
‡	24′993	+31·722	1·15	42.7232	9·2
581					
...	+25′485	−11·458	− 2	...	...
...	25′516	−18·699	− 3	...	...
...	25′517	+58·730	− 5	...	...
...	25′618	+33·407	− 2	...	...
...	25′765	+ 7·548	− 3	...	...
..	+26′213	− 8·282	− 2	...	...
...	26′408	−31·762	− 3	...	...
...	26′458	− 5·742	− 1	...	...
...	26′543	+45·059	− 4	...	...
*	26′724	− 4·168	1·00	42.7233	9·5
591					
...	+26′984	−44·055	0·65	...	...
...	27′795	−17·456	− 5	...	...
...	28′385	− 8·685	− 5	*m*	...
...	28′547	− 4·800	− 5	*m*	...
...	28′619	−25·889	− 5	*m*	...
...	+28′869	−45·465	0·65	...	...
*	29′180	−52·410	1·00	43.7370	10·1
*	29′257	− 9·626	1·00	43.7369	9·9
...	29′326	+16·802	− 3	...	...
...	29′366	− 8·307	− 2	...	...

601–650

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
601					
...	+29·460	−49·056	− 5	m	...
...	29·[illegible]	−13·544	− 5	...	...
...	30·413	+32·424	0·80	..	...
*	30·793	−42·536	1·05	43·7371	9·6
...	31·121	+48·087	− 5	...	...
...	+31·332	−46·500	− 5	...	...
...	31·518	−27·339	− 4	...	...
...	31·524	−52·630	0·75	...	...
...	31·600	−27·710	− 4	...	...
*	32·267	+47·135	1·00	42.7234	9·6
611					
...	+32·357	+20·264	0·80	...	...
...	32·573	+24·539	− 5	...	...
*	33·005	+18·816	1·00	42.7235	10·0
...	33·128	+30·869	− 5	...	...
...	33·212	−56·894	− 1	...	...
†	+33·285	−29·926	− 5	...	...
...	33·482	−36·984	− 1	...	...
...	33·537	−22·824	− 1	...	...
..	33·634	−40·014	− 3	...	...
...	34·171	−27·738	− 2	...	...
621					
...	+34·181	+26·155	− 2	...	...
*	34·214	+ 9·435	1·00	...	...
*	34·440	−22·672	1·00	43.7372	9·6
*	34·754	+58·910	1·30	41.7382	9·2
*	34·797	−13·230	1·10	43.7373	9·6
...	+35·212	+22·380	− 5	...	...
...	35·432	−38·134	− 4	...	...
...	35·454	−13·573	− 5	m	...
...	36·184	−41·029	− 5	..	...
...	36·188	− 4·630	0·65	...	...
631					
*	+36·196	+36·507	1·00	42.7236	10·0
.	36·535	−18·529	− 5	...	...
...	36·615	−29·435	− 3	..	...
...	36·872	−10·277	− 2	...	...
*	37·394	−11·772	1·00	...	...
*	+37·464	+44·578	1·20	42.7237	9·6
S *	37·646	− 5·990	2·80	43.7374	7·0
*	37·918	−40·906	2·60	43.7375	7·6
...	37·921	−26·727	− 5	m	...
*	38·001	+ 0·692	1·00	42.7239	10·0
641					
*	+38·004	+41·284	3·20	42.7238	7·2
...	38·365	−20·427	− 5	...	...
...	38·468	−36·346	0·75	...	...
...	38·512	−20·808	− 4	...	...
...	38·663	−57·923	− 5	...	...
*	+38·710	+46·285	2·10	42.7240	8·2
*	38·725	− 2·915	2·00	42.7241	8·2
...	38·9[illegible]	+ 9·519	− 5	...	...
...	39·448	−56·405	− 4	...	...
...	39·460	−49·057	− 5	...	...

651–700

Notes.	Co-ordinates. x.	y.	Diam. −3	C.P.D. No.	Mag.
651					
...	+39·862	−51·094	0·65	...	...
...	39·976	−44·454	− 3	...	...
...	40·241	+15·351	− 1	...	...
...	40·253	−13·329	− 2	...	...
...	40·488	− 5·824	− 3	...	...
*	+40·511	+ 0·572	1·00	42.7242	9·6
...	40·858	+ 0·471	0·65	...	...
*	40·885	+31·272	1·00	42.7243	10·0
*	41·029	+23·203	1·00	...	...
...	41·252	−56 347	− 4	...	...
661					
...	+41·655	+45·005	− 4	...	...
...	41·681	−33·981	− 2	...	...
...	41·999	+17·139	− 5	...	...
*	42·317	−14·237	2·00	43.7377	8·2
...	42·335	+15·267	− 5	...	...
...	+42·640	−48·265	0·70	...	...
...	43·085	+14·165	− 1	...	...
...	43·133	− 9·342	− 1	...	...
...	43·338	−21·116	0·85	43.7379	10·1
*	43·537	+ 9·546	1·00	...	...
671					
...	+44·629	+ 2·052	− 1	...	...
...	45·201	+47·067	− 5	...	...
...	45·316	−43·671	− 4	...	...
...	45·319	−25·676	− 2	...	...
...	45·695	− 4·673	− 5	m	...
...	+46·036	−47·000	− 5	...	...
...	46·414	−36·618	0·65	...	...
*	46·552	−55·605	1·40	43.7380	8·8
...	46·674	+ 7·767	− 5	...	...
...	46·806	+30·285	− 2	...	...
681					
...	+46·846	−37·442	− 4	...	...
*	47·030	−25·078	1·30	43.7381	8·9
...	47·089	−10·345	− 5	m	...
...	47·678	−21·576	− 2	...	...
...	47·790	−36·914	− 5	a	...
...	+48·051	+33·466	0·65	...	...
...	48·224	+ 1·353	− 2	...	...
...	48·332	−54·462	0·65	...	...
...	48·584	+36·649	− 1	...	...
...	48·595	−45·246	− 4	..	...
691					
...	+48·674	+22·945	− 2	...	...
*	48·694	−10·166	1·00	43.7382	9·9
...	48·805	+ 9·865	− 3	...	...
*	48·867	− 1·104	1·00	...	...
*	48·897	− 8·055	1·00	43.7383	9·8
..	+48·933	+28·477	− 5	...	...
...	49·151	−12·644	− 1	...	...
S *	49·258	+48·487	1·75	42.7244	8·4
...	49·329	+ 9·074	− 5	...	...
*	49·600	+ 7·518	1·05	42.7245	9·8

701–738

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
701					
...	+49·662	−48·267	− 5	...	...
†	49·718	−54·792	− 5	...	...
*	50·152	+28·355	1·00	...	...
...	50·246	+27·977	− 5	...	...
*	50·273	−14·491	1·10	43.7384	9·3
...	+50·685	−37·053	− 3	...	...
†	50·687	+14·983	− 5	...	...
*	50·890	−38·575	1·20	43.7385	9·2
*	51·010	+ 7·782	1·10	42.7246	9·6
...	51·264	−51·834	0·80	43.7386	10·2
711					
...	+51·352	+ 0·962	− 5	...	...
*	51·729	−38·401	1·20	43.7387	9·0
...	51·778	+58·126	0·65	41.7390	9·6
S *	52·364	−11·462	1·10	43.7388	9·4
*	53·439	+43·456	1·40	42.7247	9·2
...	+53·615	− 8·949	− 3	...	...
*	53·646	+38·809	1·20	42.7248	9·4
*	54·165	+57·833	2·00	41.7393	8·9
...	54·603	−21·257	− 1	...	...
...	54·867	+17·099	− 5	...	...
721					
...	+54·934	−17·708	− 1	...	...
†	55·052	−54·295	0·80	43.7390	9·6
...	55·142	−23·230	− 2	...	...
...	56·023	− 3·879	− 3	..	..
...	56·221	−31·564	− 1	...	...
*	+56·422	+24·080	1·20	42.7249	9·2
...	56·509	−17·133	− 3	...	...
...	56·925	−30·572	− 5	...	...
...	56·955	−47·128	− 5	...	...
...	57·220	+18·673	− 2	...	...
731					
...	+57·352	−40·747	− 1	...	...
†	57·669	−29·912	0·70	43.7391	10·1
...	57·756	− 1·248	− 3	...	...
...	58·167	−41·489	− 5	...	...
*	59·102	−52·778	1·20	43.7394	9·5
*	+59·109	−44·440	1·20	43.7392	9·5
*	59·122	−57·119	1·30	43.7393	9·2
*	59·549	+ 2·921	1·00	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–60					
1					
*	−59·007	−14·617	1·10	43·7384	9·3
*	58·929	+ 7·659	1·05	42.7246	9·6
*	57·684	−38·668	1·25	43·7385	9·2
*	57·566	+43·392	1·40	42.7247	9·2
*	57·275	+57·775	2·20	41.7393	8·9
*	−57·239	+38·753	1·20	42.7248	9·4
S *	57·012	−11·535	1·10	43.7388	9·4
...	56·920	−51·924	− 4	43.7386	10·2
*	56·850	−38·474	1·40	43·7387	9·0
...	55·848	− 8·981	− 5	...	...
11					
...	−55·513	+58·147	− 5	..	...
...	54·268	−17·694	− 4	...	...
*	54·011	+24·111	1·30	42.7249	9·2
...	53·883	−23·209	− 5	..	...
...	53·585	− 3·837	− 5	...	...
...	−53·056	+18·731	− 4	...	..
*	53·032	−54·253	1·00	43.7390	9·6
...	52·701	−17·076	− 5	...	...
...	52·568	−31·512	− 5	...	...
..	51·941	− 1·168	− 5	...	...
21					
...	−51·158	−40·654	− 5	...	...
†	51·146	−29·838	0·70	43.7391	10·1
...	50·271	+ 3·058	0·80	...	...
..	50·203	+30·939	− 5	..	...
...	49·454	+18·150	− 5	...	...
*	−49·291	−44·278	1·10	43·7392	9·5
*	49·184	+32·967	1·00	42.7250	9·8
*	49·046	−52·622	1·10	43·7394	9·5
*	48·895	−56·969	1·60	43.7393	9·2
...	48·857	− 3·777	− 4	...	...
31					
...	−48·761	− 4·082	− 5	...	...
*	47·846	+12·849	1·00	42.7251	10·0
...	47·736	−51·097	− 5	...	...
*	47·131	+12·002	1·00	42.7252	10·0
...	46·902	−57·008	0·90	43.7395	9·9
*	−46·586	− 8·768	1·00	43.7396	9·9
...	46·348	+55·268	− 5	...	...
*	46·197	+58·246	1·50	41.7399	9·2
S ‡	45·971	+40·003	2·00	42.7253	8·2
...	45·257	+20·773	− 5	...	...
41					
...	−45·091	−48·540	− 4	...	...
...	44·912	+34·257	− 3	...	...
‡	44·474	−26·169	1·20	43.7398	9·2
...	44·418	−33·593	0·75	43.7397	10·2
...	44·089	+ 4·563	− 5	...	...
...	−43·906	+ 9·674	− 4	...	...
...	43·630	+14·864	− 5	...	...
...	43·290	+18·956	− 2	...	...
*	42·910	−40·666	1·15	43.7399	9·0
...	42·237	+10·777	− 5	...	...
51					
...	−42·186	−16·138	− 4	...	...
...	42·029	+ 1·795	− 2	...	...
...	41·756	−21·251	0·65	...	...
*	40·329	+48·032	1·00	42.7254	9·8
...	39·802	−53·898	− 5	...	...
...	−38·704	−26·784	0·80	43.7401	10·2
S *	38·447	−47·648	3·30	43.7400	7·2
...	38·401	+ 2·458	− 4	...	...
...	38·318	− 5·681	− 3	...	...
...	37·975	+36·099	− 5	...	...
61–120					
61					
S *	−37·056	+32·620	2·20	42.7255	8·0
...	36·278	+27·267	− 5	...	...
...	35·970	−51·691	− 3	43.7402	10·2
...	35·719	+32·428	0·90	42.7256	10·1
...	35·541	+16·574	− 5	..	...
.	−35·251	−50·375	− 4	..	...
...	34·923	− 9·553	− 3	...	...
...	34·819	−44·350	− 4	.	...
.	34·491	+18·674	− 5	..	...
...	33·961	−12·065	− 4	..	...
71					
*	−33·688	−30·963	1·00	43.7403	9·9
...	33·655	−45·768	− 3	43.7404	10·2
...	33·358	−40·832	0·85	43.7405	10·2
...	33·057	+ 1·852	− 5	...	...
...	32·596	−24·115	− 4	...	...
...	−32·167	+26·010	0·65	...	...
*	31·723	+17·640	1·00	42.7257	10·0
...	31·116	+11·731	− 5	..	...
...	31·026	−27·745	− 3	...	...
..	30·701	−20·560	− 3	...	...
81					
.	−30·123	−23·374	− 3	.	..
...	29·945	−17·339	− 5	...	...
...	29·689	−49·835	− 5	..	...
†	29·627	−52·073	0·90	43.7406	10·2
†	29·590	−41·028	− 4	...	.
...	−29·365	−14·989	− 5		...
...	29·075	+15·739	0·80	.	.
...	28·124	+ 2·553	0·85	...	..
...	28·093	+ 4·151	− 2	...	..
...	28·033	−56·548	− 3	..	.
91					
...	−27·446	−45·499	− 1	43.7408	10·2
..	26·488	−20·874	− 3	...	...
S *	26·414	−17·239	1·25	43.7409	8·9
...	25·949	−43·862	0·85	43.7410	10·2
*	25·843	+ 4·985	1·00	42.7258	10·0
...	−25·148	+ 5·563	− 1	...	...
...	24·914	− 0·764	− 5	..	...
*	24·780	+ 4·655	1·00	42.7259	10·0
...	24·749	+ 2·229	0·85	...	...
...	24·181	−10·803	0·65	...	...
101					
...	−23·908	−16·256	0·80	43.7411	10·2
...	22·978	−33·482	0·85	43.7412	10·1
...	22·413	+22·904	− 4	...	..
.	22·155	−11·843	− 5	...	...
...	21·426	−47·484	0·90	...	..
...	−21·065	+ 4·393	− 5	...	..
...	20·827	−14·688	− 5	...	.
...	19·416	−19·733	− 5	B	.
.	18·503	−14·392	− 3	...	..
...	17·497	−45·471	− 1	...	...
111					
...	−17·312	− 1·214	− 4	...	...
*	17·228	−32·311	2·00	43.7413	8·1
...	16·950	− 2·751	− 4	...	...
...	16·444	−29·469	− 5	...	...
S *	15·867	+27·788	1·33	42.7260	8·8
†	−14·672	−53·041	− 3	...	...
*	13·576	+57·770	1·00	41.7406	10·0
*	11·533	+14·442	1·00	42.7261	9·6
...	10·863	−32·282	0·95	43.7414	9·8
‡	9·637	− 0·838	1·00	42.7262	9·8
121–180					
121					
†	− 9·589	−28·268	− 4	..	...
...	9·073	−11·723	− 5	...	..
...	8·337	+59·788	− 4	..	..
...	7·697	− 30·419	− 5	..	...
...	7·293	+ 25·654	− 5	...	...
..	− 6·480	+18·044	0·90	...	.
	6·116	+34·946	− 4	...	..
*	5·941	+35·520	1·00	42.7263	9·6
.	5·924	+41·789	0·80	...	...
..	5·128	−10·015	− 5	...	...
131					
S *	− 3·593	−52·402	1·20	43.7415	9·0
..	3·333	−37·324	− 5	...	...
...	2·839	−14·540	− 5	...	...
...	2·657	−28·895	0·70	43.7416	10·2
..	2·418	+16·415	− 5	...	...
+	− 2·042	+11·241	1·25	42.7264	9·0
...	0·588	−13·970	− 3	...	...
..	− 0·239	+ 6·571	0·90	...	...
*	+ 0·461	−37·478	1·00	43.7417	9·6
...	0·813	−33·050	− 3	...	...
141					
..	+ 1·014	− 4·720	0·80	43.7418	10·2
...	1·681	+ 3·450	− 5	...	...
...	1·806	+36·744	− 5	...	...
...	1·992	−30·178	− 4	...	...
...	2·183	−15·567	− 5	..	...
...	+ 2·289	−42·150	− 5	...	..
*	2·790	− 7·580	1·00	43.7419	9·9
...	2·866	−29·388	− 5	...	...
S ‡	3·147	+35·119	2·90	42.7265	7·4
...	4·172	−41·858	− 3	...	...
151					
...	+ 4·213	−32·649	− 1	43.7420	10·2
...	4·299	−43·771	0·65	43.7421	10·2
*	6·380	+ 8·331	1·05	42.7266	9·2
...	6·681	−45·926	− 5	...	..
*	7·000	−14·494	1·00	43.7422	9·6
...	+ 7·091	−10·344	− 5	...	...
...	7·668	−34·128	− 5	...	...
..	7·723	+ 5·598	− 5	...	...
...	7·989	+51·378	− 5	...	...
...	8·017	+53·346	0·90	42.7267	10·0
161					
*	+ 8·090	−58·557	1·00	43.7423	9·8
...	8·149	−54·231	− 4	...	...
...	8·764	−29·477	− 3	...	...
...	8·825	−48·844	0·70	..	...
*	9·161	−49·757	1·00	43.7424	10·0
..	+ 9·233	−17·750	− 5	d	...
...	9·687	−36·054	0·90	43.7425	10·2
*	9·691	+13·455	1·00	42.7269	9·6
*	9·758	+46·481	1·90	42.7268	8·6
...	9·927	−37·752	− 4	..	...
171					
...	+ 9·932	+16·560	0·85	...	...
...	10·499	−34·022	− 2	...	...
...	10·503	− 7·709	0·65	...	...
S ‡	10·904	− 9·692	2·70	43.7426	7·4
...	11·200	−40·726	0·85	43.7427	10·1
*	+11·372	+20·701	1·00	42.7270	9·4
...	11·416	− 9·057	− 5	...	...
...	11·490	−14·303	0·90	43.7428	9·9
...	11·576	−22·781	− 5	...	...
...	12·271	−31·924	− 5	...	...

SB measured from 1.
E ,, ,, 26.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′.	″.	−4.	No.	Mag.
181–230					
181					
...	+12·881	− 9·978	0·90	43·7429	10·1
..	13·068	−28·233	− 5	...	...
	14·661	+ 8·671	− 5		
.	14·883	−47·486	− 5		...
	15·315	+33·306	− 5	.	.
..	+15·719	−33·113	− 5	.	...
*	16·123	+50·360	1·00	42.7271	10·0
.	16·192	−27·637	− 5		...
...	16·485	−23·511	− 5	.	.
...	17·055	−23·118	− 5	...	...
191					
...	+17·145	+33·084	− 3		...
	17·632	+14·494	− 4	.	.
	17·646	+10·609	− 4		.
†	17·717	− 4·805	− 5	...	...
...	17·991	−47·330	0·65	.	...
..	+18·021	+49·882	− 5		...
.	18·035	−40·028	− 5	.	...
...	18·395	− 7·411	0·90	43·7430	10·1
...	18·864	+38·151	− 5	...	...
...	19·132	+ 7·397	− 5	...	...
201					
*	+19·367	−39·166	1·15	43.7431	9·0
.	19·448	+ 7·815	− 2	...	...
	19·464	−35·391	− 5	*b*	...
...	20·415	+48·146	0·80	...	...
...	21·169	−16·214	0·90	43.7433	10·2
.	+21·533	+ 2·167	1·10	42.7272	9·3
..	21·695	−47·161	− 5	...	...
	21·755	−16·490	− 5	...	...
.	21·807	+47·133	2·10	42.7273	8·2
.	22·107	+31·509	− 5	...	...
211					
*	+22·198	− 7·898	1·35	43.7434	8·8
	22·227	−11·134	− 2	...	...
...	22·312	+47·7[illegible]3	− 3	..	...
	22·471	−24·216	− 5	..	...
.	22·835	+26·948	− 2	...	...
.	+23·177	− 0·244	1·45	42.7274	8·6
..	23·260	+25·907	− 5	..	...
	23·452	−25·716	− 1	43·7436	10·2
	23·527	−41·654	− 5	..	...
	23·565	−21·068	0·90	43·7435	10·2
221					
	+23·729	−52·974	− 5	.	..
...	23·788	−59·591	− 3	..	.
..	23·941	−56·336	− 5	...	...
	24·065	−26·375	− 5		.
	24·180	−49·106	− 5	...	...
*	+24·479	−58·319	1·00	43.7437	10·1
	24·666	−18·707	0·75	43·7438	10·2
.	24·811	+42·378	− 4	...	...
.	24·969	+ 2·870	− 5	...	...
	25·072	−16·025	0·70	43·7439	10·2

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′.	″.	−4.	No.	Mag.
231–280					
231					
...	+25·583	−20·644	− 4		
...	26·016	+17·020	− 1		.
..	26·647	+25·029	0·80		.
...	27·002	+26·594	− 5	..	..
...	27·286	+15·499	0·65		.
...	+27·453	+29·536	0·90	...	...
.	27·874	+44·511	− 5	...	...
*	28·280	+43·834	1·00	42.7275	9·8
...	28·724	− 3·025	− 5	...	...
*	28·750	+ 3·691	1·00	42.7276	10·0
241					
...	+28·949	+55·664	− 2	...	...
*	29·610	− 3·939	1·40	42.7277	8·6
..	29·747	− 3·942	0·80		
.	29·932	+ 7·629	− 5	...	...
..	30·618	+ 8·639	− 4	...	...
...	+30·784	− 2·430	− 5	*b*	...
S *	31·802	+24·094	1·20	42.7278	9·0
...	32·056	−49·345	0·90	...	...
..	32·323	+50·540	0·70		...
...	32·448	+53·525	− 5	..	...
251					
..	+33·135	−29·438	− 5		..
..	33·806	−45·977	− 5	...	...
...	34·303	− 5·406	− 4	..	...
S *	34·695	−23·501	1·20	43.7440	9·5
...	35·550	−35·175	− 5	...	...
...	+35·562	−18·060	− 5	...	...
...	35·629	−48·063	0·65	...	...
*	35·741	−27·482	1·00	43.7441	9·8
...	36·159	−27·357	− 5	*b*	..
...	36·313	−55·424	0·90	...	...
261					
..	+37·805	−31·849	− 3	...	..
...	38·269	−11·033	− 5	...	...
...	38·311	+29·167	− 5	...	...
*	38·921	+ 5·777	1·10	42.7279	9·4
	38·983	−18·296	0·90	...	...
...	+39·719	−22·704	− 2	...	...
..	40·765	+14·940	− 5	...	...
†	41·060	+45·078	1·05	42.7280	9·6
...	42·074	+48·894	− 5	...	...
...	42·197	−11·422	− 4	...	...
271					
†	+42·556	− 4·782	− 4	...	...
*	43·368	−30·658	1·20	43.7443	9·7
...	43·652	+21·818	0·65	...	...
.	44·117	−25·612	− 5	...	...
...	44·945	+ 8·717	− 2	...	...
†	+45·235	−56·254	− 5	...	..
..	45·322	+19·335	− 4	...	...
†	45·666	−22·745	1·20	43.7444	9·8
..	45·752	−15·489	− 5	...	...
	46·097	+13·199	− 4	..	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′.	″.	−4.	No.	Mag.
281–310					
281					
*	+46·746	− 2·883	1·00	42.7282	9·8
*	46·812	+11·724	1·05	42.7281	9·6
*	46·914	−15·880	1·10	43.7445	10·0
...	47·393	+12·425	− 3	...	...
*	47·963	− 3·597	1·00	..	...
..	+47·966	+ 9·039	− 5	...	...
*	48·535	+48·271	1·10	42.7283	9·6
..	48·847	+26·476	− 3	...	...
..	49·295	+20·537	0·65	..	...
...	49·847	+42·104	− 4	...	...
291					
...	+50·467	−49·593	− 4	. .	...
...	50·564	−12·871	− 5		...
*	51·555	−48·315	1·00	...	...
S *	51·961	+ 5·624	1·20	42.7284	9·2
*	52·399	−47·325	1·20	43.7446	10·0
...	+52·880	+23·745	− 5	...	...
...	53·280	−19·252	− 5	..	...
...	53·389	−36·559	− 3	...	...
†	55·163	+25·180	0·80	...	...
...	55·875	−12·466	− 4		...
301					
...	+56·910	−31·350	− 5	...	...
...	57·468	−46·941	− 4	...	...
*	58·006	− 1·517	2·80	42.7285	7·8
...	58·126	− 4·999	− 4	...	...
..	58·234	+57·557	− 5	41.7421	10·0
...	+58·450	−25·837	− 5	...	...
...	58·533	+17·254	0·90	42.7286	10·0
...	58·749	+ 4·061	− 5	...	...
...	59·033	−23·360	− 4	...	...
...	59·273	−39·981	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
1–60					
1					
S *	−57·926	+ 5·539	1·13	42.7284	9·2
.	57·563	+23·679	− 5	...	...
..	56·728	−48·397	− 1	...	...
..	55·914	−47·383	0·85	43.7446	10·0
.	55·329	+25·168	0·70	...	...
...	−55·264	−36·595	− 5	...	...
.	53·484	−12·432	− 5	...	...
..	53·238	+57·609	− 5	41.7421	10·0
...	51·712	+17·354	0·80	42.7286	10·0
*	51·669	− 1·426	2·30	42.7285	7·8
11					
...	−51·470	− 4·901	− 5		...
..	51·108	+ 4·170	− 5		
...	50·859	−46·846	− 4		..
...	50·515	−25·729	− 5	..	.
...	50·170	+35·528	− 3	...	.
. .	−50·007	−23·222	− 5		...
...	49·520	+ 7·653	− 5	..	...
...	49·270	−39·827	− 5		...
...	49·019	−16·446	0·70	...	...
*	49·014	− 7·501	1·00	43.7449	9·8
21					
*	−48·792	+ 0·774	1·20	42.7287	9·0
...	48·274	−11·732	− 2	...	...
. .	48·185	−32·200	− 5	...	..
...	48·169	+30·813	− 5	...	...
S *	47·687	+47·378	1·53	42.7288	8·6
...	−47·474	− 8·613	− 5	...	...
*	47·347	−16·150	1·00	43.7450	10·0
.	47·145	−26·294	0·70	...	...
...	46·065	−45·902	− 5	. .	...
...	46·044	+ 1·945	− 2	...	...
31					
...	−45·593	+28·781	− 5	...	...
..	45·240	− 1·667	0·80	42.7289	10·0
*	44·537	−47·819	1·00	43.7451	9·6
...	43·870	−11·616	− 5	...	...
...	43·139	−44·356	− 5	...	...
...	−42·914	+22·220	0·80	42.7290	10·0
...	42·908	+21·731	0·80	..	..
S *	42·626	−33·854	1·90	43.7452	7·8
*	41·272	−27·820	1·00	43.7453	9·6
...	41·188	−43·535	0·80	...	...
41					
...	−40·718	−27·308	0·70	...	...
...	40·302	+15·928	− 5	...	...
‡	39·734	−19·658	1·25	43.7454	9·0
...	39·584	+35·205	− 5	...	...
. .	39·449	+ 6·006	− 3	...	...
...	−39·364	−23·513	− 1	. .	...
*	39·288	+31·957	1·00	42.7291	9·6
...	39·257	−54·137	− 3	...	...
*	38·844	−20·184	1·00	43.7455	9·8
...	38·841	− 3·502	0·65	...	...
51					
. .	−38·710	+ 3·813	0·70	...	...
...	38·400	+22·182	− 5	...	...
...	38·345	+27·066	− 4	...	...
*	38·286	−18·679	1·00	43.7456	10·0
. .	38·187	+18·566	− 4	...	...
.	−38·080	−23·708	− 5	...	...
*	37·863	−30·973	1·10	43.7457	9·2
...	37·594	−18·222	− 5	...	...
...	37·302	−42·527	− 1	...	...
...	37·069	−46·983	− 5	...	...
61–120					
61					
...	−36·727	−49·789	0·70	°	
	36·407	−39·009	0·80		.
...	36·379	−25·814	− 4	.	
...	36·290	−28·477	− 5		...
	35·789	+ 8·541	− 5		
	−35·667	−34·034	− 3	.	...
*	35·416	+43·327	1·00	42.7293	9·6
.	35·369	+20·988	0·90	42.7292	10·0
†	34·903	+48·189	− 3	42.7295	9·8
†	34·879	+24·263	− 4	42.7294	10·0
71					
..	−34·454	−35·412	− 5	A	...
. .	34·358	−33·809	0·90	...	..
...	34·220	−35·856	− 2	...	...
..	34·049	−29·109	− 3	...	...
.	33·944	+25·837	0·65	42.7296	10·0
*	−33·682	+32·032	1·00	42.7297	9·3
.	33·033	−41·557	− 1		...
. .	32·972	+ 6·190	− 5	.	...
.	32·398	− 0·692	− 4	.	..
...	32·332	−28·149	− 2	.	.
81					
...	−32·237	−31·264	− 5	B	.
...	32·087	+13·458	− 5	...	
..	31·740	−37·086	− 5	...	.
..	31·121	−45·471	− 4	. .	
...	30·521	−11·992	− 5	...	...
*	−30·061	+ 3·937	1·00	42.7298	9·3
†	29·775	−28·615	− 3	...	...
..	29·456	+33·037	− 2	...	...
†	29·084	+ 9·945	− 4	...	...
*	27·817	−10·244	1·05	43.7459	9·4
91					
...	−27·142	−34·773	− 2	...	...
*	26·558	−23·433	1·25	43.7460	9·0
. .	26·391	+ 6·468	− 5	..	...
*	26·119	+23·005	1·00	42.7299	9·8
...	25·750	+18·907	− 5	...	...
...	−24·973	−43·215	0·90	...	...
...	24·097	− 9·060	− 4		...
...	24·004	+27·308	− 5		...
...	23·564	−14·207	− 5		..
...	23·354	−59·013	0·90	.	. .
101					
...	−23·343	−42·898	− 4	...	...
...	23·227	−56·099	0·90	43.7461	10·0
*	23·020	− 5·662	1·00	43.7462	9·8
...	22·968	+ 7·533	0·70	...	...
...	22·826	+13·629	0·70	42.7300	10·0
†	−22·683	+ 5·039	− 5	...	...
n *	22·501	+26·597	1·10	42.7301	8·8
...	22·467	+33·812	− 5	...	...
n	22·436	+26·760	0·65	42.7301	8·8
...	22·417	+29·586	0·80	42.7302	10·0
111					
...	−22·216	−21·437	− 1	.	...
.	22·103	−59·545	− 2		.
...	22·081	− 1·735	− 4		.
...	21·189	+ 1·033	− 5		. .
...	20·536	+11·828	− 5		..
*	−20·521	+27·587	1·30	42.7303	8·6
...	20·306	− 7·993	− 4	...	. .
. .	20·232	−54·240	− 5	. .	.
...	20·024	−34·618	− 4	...	.
	18·505	−15·110	0·70	...	.
121–180					
121					
*	−18·305	+26·862	1·50	42.7304	8·2
S *	18·225	−23·590	1·40	43.7463	8·8
. .	18·191	−41·077	0·85	...	...
...	18·049	− 6·934	− 5	...	...
..	17·960	+47·300	0·65	42.7305	10·0
...	−17·746	−46·552	− 4		...
.	17·591	−40·562	− 5	...	...
.	17·441	−14·765	0·70	...	...
. .	16·918	+38·454	− 5	...	
..	16·630	−49·504	− 5	...	
131					
..	−16·495	−34·662	− 5		...
..	16·310	+23·559	− 4		.
	16·011	+27·508	− 4		...
...	15·964	−35·771	− 5		
	15·624	+20·980	− 4	...	...
*	−15·595	+ 8·487	1·00	42.7306	9·3
...	15·489	−32·639	0·65	...	.
...	15·221	+43·192	− 2	...	...
...	15·091	−10·930	− 5	...	
...	14·592	−30·234	− 5	A	...
141					
...	−14·463	−10·350	− 1	...	.
..	14·320	−52·390	− 5	A	..
.	13·482	− 2·092	− 3	. .	...
...	13·260	+14·245	− 2		...
...	12·996	−25·070	0·65		...
..	−12·593	+41·466	− 4	...	. .
...	12·481	+42·081	− 4	...	...
...	12·347	+17·445	0·90	42.7307	9·8
...	12·311	−48·428	− 5	...	...
...	12·286	−51·664	− 4	...	...
151					
...	−12·033	+17·744	0·70	42.7308	10·0
...	11·786	− 3·621	− 5	B	...
...	11·345	+25·959	0·75	...	...
...	10·479	+ 6·335	0·90	42.7309	9·6
...	10·322	+58·462	− 5	...	...
...	− 9·660	−34·237	− 2	...	...
...	8·962	+26·383	− 5	...	...
*	8·942	− 7·195	1·10	43.7464	9·4
*	8·041	−15·466	1·10	43.7465	9·2
...	7·909	−21·109	− 5	...	...
161					
...	− 7·339	+46·954	0·85	42.7310	9·4
...	6·498	+19·685	− 4	...	...
...	6·088	−40·101	0·70	...	...
*	5·373	−46·166	1·00	43.7467	9·5
...	5·317	−45·310	0·90	43.7466	9·7
...	− 5·307	−12·685	− 5	...	...
...	5·057	+ 5·157	− 5	...	...
..	4·642	+13·406	− 4	...	...
*	4·419	+44·141	1·05	42.7311	9·2
...	3·448	+28·795	− 4	...	...
171					
*	− 3·321	−11·255	1·00	43.7468	10·0
...	2·205	−23·217	0·85	...	...
...	2·176	−52·590	0·75	...	...
...	2·170	−34·322	− 5	...	...
*	2·047	−27·297	1·00	43.7469	9·5
...	− 1·883	+ 1·802	0·90	42.7312	9·6
S *	1·607	+26·668	1·05	42.7313	9·2
...	1·524	+25·319	− 4	...	...
*	0·855	+32·166	1·00	42.7314	9·2
...	0·614	+10·748	− 4	...	...

S measured from 1, 120, 235.
SB ,, ,, 43, 184, 281.

10ᵐ, 109. C.P.D., probably mass.

181–230

Notes.	Co-ordinates. x.	y.	Diam. −5.	C.P.D. No.	Mag.
181					
..	− 0·227	− [illegible]·379	− 5	M	...
*	0·268	−42·157	1·05	43·7470	9·5
	− 0·290	−48·937	0·90	.	...
*	+ 0·262	−26·294	1·00	43·7471	9·8
	0·511	−47·791	− 2	...	...
.	+ 0·697	−48·197	− 1	...	...
	1·244	+ 0·086	− 4	F	...
	1·457	−20·753	− 1	...	...
...	2·261	−41·531	0·90	43·7472	10·0
.	2·586	+16·958	− 5	...	...
191					
...	+ 3·001	−31·950	0·65	...	...
*	3·052	−36·924	1·05	43·7473	9·6
...	3·498	− 4·557	− 4	...	...
...	3·564	−32·468	− 2	...	...
*	3·700	−38·167	1·00	43·7474	9·8
...	+ 3·737	− 5·569	0·95	43·7475	10·0
.	3·774	+ 6·142	− 3	...	...
...	3·901	−23·661	− 2	...	...
S *	4·118	+53·124	2·05	42·7315	8·0
...	4·262	−10·711	0·70	...	...
201					
*	+ 4·735	−23·346	1·25	43·7476	8·4
*	4·893	−23·292	1·35		
...	5·761	−16·645	− 1	...	...
...	5·819	+14·383	− 5	...	...
*	6·331	+43·420	1·00	42·7316	9·2
...	+ 7·494	−28·361	− 5	..	..
...	7·871	−27·403	− 1	...	...
...	8·746	+26·140	− 5		...
...	8·960	−16·390	− 5		...
.	8·967	+43·592	− 5	...	...
211					
	+ 9·089	+14·040	− 3		...
..	9·090	− 2·521	− 4		
...	9·270	+11·871	− 4	...	..
	9·364	−17·171	− 5		
...	10·243	−24·450	− 1	..	...
*	+10·733	+28·245	1·30	42·7317	8·6
...	10·957	+24·003	− 3	...	...
..	11·517	+58·579	0·90	41·7436	10·0
†	11·544	+29·913	− 3	..	...
*	11·619	−28·939	1·00	43·7477	9·7
221					
	+11·709	−33·483	− 4		...
.	11·887	+22·503	− 3	...	...
...	12·425	+46·419	− 4	...	...
..	12·635	−25·640	− 4	...	...
S *	13·159	−48·970	2·20	43·7478	8·0
.	+13·516	−28·130	− 4	..	...
	14·266	+33·780	− 5	..	...
...	15·534	− 0·519	0·65	43·7479	10·0
*	16·507	− 0·787	1·00	42·7318	9·6
.	17·101	−41·560	− 5	.	...

231–280

Notes.	Co-ordinates. x.	y.	Diam. −5.	C.P.D. No.	Mag.
231					
†	+17·595	− 4·951	− 5	...	...
	18·025	−16·079	− 5	...	...
.	19·040	−10·855	0·70	43·7480	10·0
.	19·177	−32·717	− 3	...	...
	20·571	+22·394	− 5		...
...	+22·242	− 5·067	− 3	...	...
...	22·582	−32·794	− 1	...	...
..	22·687	+37·052	0·90	42·7319	9·8
...	23·163	−22·269	− 3	...	...
...	23·252	+ 1·408	0·80	42·7320	10·0
241					
...	+23·878	+41·047	− 5	...	...
	23·898	+19·041	− 3	...	...
...	23·933	+ 1·485	− 4	...	...
*	24·190	+52·434	1·05	42·7321	9·4
...	24·746	−12·379	− 5	..	..
...	+25·053	+ 6·265	− 2	...	...
...	25·237	+34·161	− 4	...	...
..	25·614	+52·121	− 4	..	...
...	25·712	+ 8·390	− 5	..	...
...	27·104	− 6·579	− 5	...	..
251					
*	+27·583	+26·034	1·00	42·7322	9·4
*	27·916	+ 3·533	1·00	42·7323	9·3
*	28·007	−23·401	1·00	43·7481	10·0
..	28·798	− 4·060	0·75	..	...
...	29·802	−43·544	− 5	...	...
...	+30·176	−10·814	− 1	.	...
...	30·380	+31·311	− 4	..	...
.	31·615	+ 8·747	− 2	...	...
...	31·883	+21·113	− 5	..	...
...	32·312	−20·678	− 5	..	...
261					
*	+32·618	−22·787	1·05	43·7482	9·3
*	33·030	+ 9·874	1·00	42·7324	9·4
.	33·148	+54·319	− 5	...	...
...	33·162	+11·827	− 5	...	...
..	33·590	−37·732	− 4	...	...
.	+33·657	−13·209	0·80	43·7483	10·0
:	34·437	+28·792	1·20	42·7325	9·0
...	35·998	−27·139	− 5	...	...
:	36·420	−16·108	1·00	43·7485	10·0
.	36·440	−28·468	0·90	43·7486	9·8
271					
	+36·554	−21·423	− 5	...	...
...	36·563	+13·727	− 5	...	...
...	37·010	−24·491	− 2	...	...
*	37·999	+21·020	2·60	42·7326	7·4
.	38·048	−13·795	− 5	...	...
†	+38·717	− 4·837	− 5	...	...
...	39·205	−31·565	0·75	43·7487	10·0
...	39·213	+18·841	− 5	...	...
...	39·409	+ 4·191	− 5	...	...
*	39·668	− 5·367	1·20	43·7488	8·8

281–319

Notes.	Co-ordinates. x.	y.	Diam. −5.	C.P.D. No.	Mag.
281					
...	+40·025	+54·504	− 3	...	...
..	40·621	−42·906	− 5	...	...
..	41·605	−14·643	− 5	...	...
...	42·612	+ 3·756	− 5	...	...
...	43·025	+31·227	− 1	...	...
*	+43·147	− 9·095	1·00	43·7489	9·6
...	43·324	+11·173	− 5	...	...
...	43·875	+22·215	− 3	...	...
...	44·317	−37·591	− 5	...	...
...	44·553	+ 6·502	0·70	...	...
291					
*	+45·286	+14·900	1·20	42·7327	9·2
*	45·849	+ 4·601	1·00	42·7329	9·2
S *	45·869	+ 7·276	2·10	42·7328	7·5
...	46·180	+43·907	− 3	42·7330	10·0
..	46·517	+39·117	− 5	...	...
*	+47·255	−42·861	1·10	43·7490	9·4
...	47·959	+31·528	− 5	...	...
...	48·694	−30·206	− 5	...	...
.	48·772	−26·959	− 3	...	...
...	48·818	− 6·952	0·80	...	...
301					
*	+49·718	−25·908	1·00	43·7491	9·8
...	49·826	−35·638	− 3	...	...
...	50·427	+31·397	− 4	..	...
.	50·740	+21·294	0·70	...	...
...	51·175	+ 9·088	0·90	...	...
*	+51·277	− 3·697	1·00	42·7331	9·8
...	52·530	−26·904	− 3	...	...
...	53·239	+28·687	− 5	...	...
...	53·399	+21·737	− 3	...	...
...	53·763	+19·885	− 2	...	...
311					
S *	+54·851	−20·595	1·13	43·7492	9·3
‡	54·957	+12·627	1·05	42·7332	9·3
*	56·014	−42·669	1·00	43·7493	9·8
...	56·126	−31·925	− 5	...	...
...	57·789	+19·201	− 4	...	...
...	+58·032	+24·654	− 3	...	...
...	58·209	−13·328	− 2	...	...
*	59·278	− 2·751	1·00	42·7333	9·4
‡	59·852	+24·192	1·40	42·7334	8·7

1–60

Notes.	Co-ordinates. x.	y.	Diam. §	C.P.D. No.	Mag.
1					
...	−59·221	−26·041	0·65	43.7491	9·8
...	58·837	+ 8·984	− 3	...	..
...	58·834	−35·765	− 5	...	...
...	58·350	− 3·795	0·90	42.7331	9·8
...	57·002	+21·690	− 5	...	...
...	−56·568	+19·854	− 4	...	...
...	56·388	−26·949	− 5	..	...
*	55·164	+12·633	1·00	42.7332	9·3
S *	54·264	−20·580	1·10	43.7492	9·3
...	52·662	−31·868	− 5	..	..
11					
...	−52·535	+19·287	− 5	..	...
...	52·434	+24·736	− 4	..	...
...	52·433	−42·601	0·90	43.7493	9·8
...	51·121	−13·211	− 3	...	...
*	50·614	+24·332	1·40	42.7334	8·7
...	−50·376	− 2·610	0·80	42.7333	9·4
...	49·088	+31·340	− 4	...	...
‡	49·001	+35·039	1·30	42.7335	9·0
...	48·392	− 4·182	− 5	...	...
...	47·952	−36·236	0·90	43.7494	9·7
21					
S *	−47·488	+13·727	1·95	42.7336	8·0
...	46·065	+54·470	0·90	42.7337	9·3
...	45·045	+47·877	− 2	42.7338	9·8
*	44·034	−31·369	1·00	43.7495	9·6
...	43·970	−40·948	− 5	...	...
...	−43·599	− 7·521	− 3	...	...
...	43·115	− 1·854	0·90	42.7339	9·8
S *	42·857	−37·827	1·23	43.7496	9·0
...	42·578	+ 7·786	0·90	42.7340	9·8
†	41·767	−24·671	− 5	...	...
31					
...	−41·744	+42·927	− 5	...	...
...	41·695	−18·856	− 3	...	...
...	41·309	+ 2·995	0·70	42.7341	10·0
...	41·292	+ 8·738	− 3	...	...
...	40·344	−19·119	− 4	...	...
*	−39·487	+30·236	1·20	42.7342	8·7
*	39·385	−45·667	1·30	43.7497	9·2
...	38·960	+40·768	− 4	...	...
...	38·473	+21·981	0·70	42.7343	10·0
...	38·453	−55·056	− 3	...	...
41					
...	−38·317	+34·564	− 4	...	...
...	37·914	−44·760	− 5	...	...
...	37·470	+47·418	0·90	42.7344	9·4
..	36·628	+39·969	0·65	42.7345	10·0
...	36·156	+48·285	0·85	42.7347	9·6
*	−36·153	+32·140	1·10	42.7346	9·2
	36·067	+33·166	− 5	...	...
...	35·655	−17·541	− 5	...	...
...	35·548	+24·118	− 5	...	...
...	35·484	−17·383	0·90	43.7498	9·6
51					
...	−35·300	−37·812	− 5	...	...
†	34·576	+18·316	0·80	42.7348	9·4
...	33·934	− 8·174	− 5	...	...
...	33·789	−30·156	− 2	...	...
...	33·678	−37·322	− 5	...	...
...	−32·732	−54·055	− 5	...	...
...	32·717	+22·598	− 4	..	..
...	32·546	−48·751	− 5	..	...
...	32·381	− 4·951	− 3	...	...
...	30·973	−42·646	− 5	...	...

61–120

Notes.	Co-ordinates. x.	y.	Diam. §	C.P.D. No.	Mag.
61					
...	−30·520	−25·859	− 5	...	...
...	30·299	+44·004	− 2	42.7349	10·0
‡	29·668	+36·966	1·30	42.7350	8·7
S ‡	29·545	+34·125	3·23	42.7351	6·6
...	29·238	+56·607	− 3	41.7460	9·8
...	−27·411	+27·443	− 4	...	...
...	27·316	−38·569	− 4	...	...
S *	27·144	− 5·595	1·25	43.7499	8·8
...	27·131	− 9·892	− 1	43.7500	9·8
‡	26·763	− 9·830	1·00	43.7501	9·4
71					
.	−26·705	+44·888	− 4	42.7352	10·0
..	26·279	−24·883	− 1	..	...
...	25·368	+ 9·138	− 4	...	...
...	25·312	−35·555	0·70	43.7502	10·0
*	25·212	−28·978	1·00	43.7503	9·4
...	−24·863	−49·123	0·70	43.7504	9·8
‡	24·562	−10·449	1·00	43.7505	9·5
...	24·506	+13·083	− 4	...	...
...	23·646	−19·923	− 5	...	...
*	23·393	+38·500	1·10	42.7353	9·0
81					
...	−22·808	+18·523	− 1	42.7354	10·0
*	22·593	+13·001	1·30	42.7355	8·8
..	22·433	−53·277	− 3	43.7506	10·0
..	22·140	+26·860	− 4	...	...
...	21·287	+ 5·370	− 4	...	...
...	−21·068	+26·662	− 4	...	...
...	20·510	−19·352	− 2	...	...
*	19·827	− 7·428	2·00	43.7507	8·4
†	19·589	+24·373	− 1	42.7356	9·8
...	18·732	− 0·189	− 4	...	...
91					
...	−18·701	+ 1·804	− 4	...	...
...	18·645	−40·003	− 3	...	...
...	18·189	+15·824	− 4	...	...
*	18·128	−29·202	1·20	43.7508	9·2
...	18·005	+42·646	− 5	...	...
. .	−17·865	+38·252	− 3	...	...
...	17·794	+30·573	− 2	...	...
...	17·652	−17·602	− 2	...	...
...	17·494	+22·877	− 1	42.7357	9·8
*	17·342	−54·890	1·20	43.7509	9·2
101					
...	−16·681	−18·592	− 5	...	...
...	16·618	−11·958	− 2	..	...
...	16·313	+17·009	− 5	.	...
*	16·203	−36·232	1·15	43.7510	9·3
...	15·489	−41·177	− 5	...	...
...	−13·860	+30·835	− 4	...	...
...	13·764	−28·369	− 1	43.7511	10·0
*	13·680	+ 2·081	1·00	42.7358	9·6
...	12·908	−46·325	− 4	...	...
...	11·965	−51·450	0·90	43.7512	9·7
111					
...	−11·733	+40·393	0·75	42.7359	9·8
...	11·227	+44·762	− 5	...	...
...	10·396	−56·231	− 5	...	...
...	7·712	−45·464	0·70	43.7513	10·0
S *	7·228	+21·721	1·20	42.7360	8·8
...	− 6·047	−58·240	− 5	...	...
..	5·738	+36·592	0·75	42.7361	10·0
...	5·390	+46·684	− 5	...	...
*	4·969	−19·888	1·15	43.7514	9·2
...	4·848	+51·318	− 4	...	...

121–180

Notes.	Co-ordinates. x.	y.	Diam. §	C.P.D. No.	Mag.
121					
*	− 4·839	−55·525	1·00	43.7515	9·7
‡	4·763	+27·384	1·00	42.7362	9·6
..	4·431	−57·795	− 5	...	...
...	3·787	+49·052	− 4	...	...
*	3·543	−28·729	1·20	43.7516	9·2
...	− 3·247	−46·878	0·65	43.7517	9·8
...	3·016	+12·992	− 4	42.7363	10·0
...	2·320	−45·879	− 4	...	...
...	1·705	− 0·037	0·65	42.7364	10·0
...	1·635	−44·375	− 5	...	...
131					
..	− 1·226	−34·986	− 3	...	...
...	+ 0·985	+42·340	− 4	...	...
...	0·988	−55·043	− 5	...	...
...	1·407	−26·656	− 4	...	..
...	2·103	−49·757	− 3	...	...
...	+ 2·125	+23·003	0·80	42.7365	9·8
...	2·164	−30·330	0·85	43.7518	9·8
...	2·202	−18·030	− 5	...	...
...	2·295	+21·924	− 5	...	...
...	2·305	+14·152	− 5	...	...
141					
*	+ 2·560	+ 2·301	2·80	42.7366	7·6
...	3·466	+45·613	− 5	...	...
...	3·833	+ 1·843	− 5	...	...
...	4·495	−41·106	0·70	43.7519	9·7
...	4·624	−31·705	0·70	43.7521	10·0
S *	+ 4·672	−40·447	3·05	43.7520	7·3
...	4·689	+35·887	− 5	...	...
*	4·987	+13·303	1·50	42.7367	8·6
...	5·397	+43·349	0·80	42.7368	9·8
...	5·733	−39·045	− 4	...	...
151					
...	+ 5·769	− 8·553	− 3	...	...
...	6·067	−20·962	0·90	43.7522	9·7
...	6·700	+44·930	− 4	...	...
...	6·715	+49·249	− 3	...	...
. .	6·913	− 9·226	− 3	...	...
...	+ 7·377	−31·909	− 5	...	...
...	7·542	−45·715	− 3	...	...
...	8·927	+13·739	− 3	42.7369	10·0
...	9·066	+13·722	− 3		
S *	9·222	+56·689	1·28	41.7466	8·6
161					
...	+ 9·424	−53·814	− 5	43.7523	10·0
...	9·586	−53·875	− 5		
...	9·820	−12·604	0·75	43.7524	9·8
S *	10·141	+13·068	1·28	42.7370	8·8
...	10·461	+23·776	− 3	...	...
...	+10·505	−57·982	− 5	...	...
*	11·202	+13·082	1·05	42.7371	9·0
...	11·227	− 4·535	− 4	...	...
...	11·931	−22·109	− 1	43.7525	10·0
...	12·137	+24·404	− 3	...	...
171					
...	+12·238	−29·126	− 3	43.7526	10·0
...	12·617	+51·370	− 5	...	...
...	13·127	−32·607	− 4	...	...
...	13·345	−59·261	− 5	...	...
...	13·461	+42·395	− 5	...	...
S *	+13·685	−55·898	1·00	43.7527	9·4
...	14·478	− 0·864	− 1	...	...
†	15·224	+15·562	− 1	...	...
N	15·572	+20·430	− 5	*h*	...
*	16·060	−52·903	1·00	43.7528	9·5

§ $10^{M\cdot8} = D$, −5.

B measured from 1, 132.
E ,, ,, 64, 222.

1·9, 42°·99, obscured by reseau.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. §	C.P.D. No.	C.P.D. Mag.
181–220					
181					
...	+16·743	−57·642	− 5	...	...
†	16·910	+15·226	− 2	...	...
*	17·647	−43·826	1·00	43·7529	9·4
*	17·678	+24·519	1·00	42·7372	9·6
...	18·018	−55·148	− 5	..	...
...	+18·568	−14·285	− 4	...	...
...	18·856	+45·718	− 4	.	..
.	19·256	−57·503	− 5	.	..
...	20·669	+16·093	− 3	.	..
.	21·274	+33·206	− 5	.	...
191					
.	+22·386	− 5·425	0·70	43·7530	10·0
...	22·672	+58·648	− 5	...	...
...	22·764	− 8·375	− 5	...	...
.	22·939	−28·807	0·70	43·7531	10·0
.	23·174	+12·662	− 5	*a*	...
.	+23·598	+19·426	− 5	...	...
.	23·637	+36·009	− 4	...	..
...	23·816	−19·593	− 5	...	..
.	23·891	−32·496	− 4	...	..
..	23·932	−46·997	0·90	43·7532	9·8
201					
*	+24·165	−50·232	1·10	43·7533	9·4
...	24·183	+15·511	− 3	...	...
...	24·187	+ 7·548	− 2	...	...
*	24·588	−29·882	2·50	43·7534	8·4
†	25·147	+58·456	0·90	41·7471	9·5
...	+25·312	+39·019	0·70	42·7373	9·9
..	25·883	−54·696	0·85	43·7535	9·8
*	26·084	+ 3·419	1·30	42·7374	8·9
...	26·249	+22·203	− 5	...	...
...	26·530	−25·587	− 2	...	...
211					
	+26·605	−11·345	0·70	...	...
	26·605	−25·357	0·80	43·7536	9·8
...	26·699	+22·093	0·65	42·7375	10·0
...	26·724	−10·463	− 5	...	...
*	28·457	+27·708	1·00	42·7376	9·6
†	+29·015	−44·635	− 4	...	...
...	29·219	+37·668	− 2	...	...
...	29·334	+ 1·642	− 5	...	...
...	29·645	−33·583	− 3	...	...
...	29·830	−14·281	− 5	...	...
221–260					
221					
...	+29·951	−56·532	0·85	43·7537	9·5
...	30·295	+41·310	− 1	42·7377	9·9
...	30·445	+54·217	− 5	42·7378	10·0
...	30·952	+24·102	− 4	...	...
...	32·093	−48·115	− 3	...	...
*	+32·324	−44·960	1·00	43·7540	9·6
...	32·543	−10·965	0·75	43·7541	9·6
..	32·690	−46·531	− 1	43·7542	10·0
...	32·765	+ 2·412	− 5	...	...
...	32·950	−13·608	− 4	..	...
231					
...	+33·045	−57·840	− 4	...	...
...	33·456	+34·739	− 2	42·7379	10·0
...	33·522	+51·188	− 4	42·7380	10·0
...	33·803	+40·227	− 5	...	...
...	33·854	−50·901	0·90	43·7543	9·6
S ‡	+35·107	− 4·785	1·90	43·7544	8·2
...	35·776	+19·116	− 5	..	...
...	36·080	−15·373	− 5	...	...
...	36·090	+28·241	− 1	42·7381	10·0
...	36·170	+ 9·288	− 1	42·7382	10·0
241					
...	+36·263	− 6·694	− 5	...	...
...	36·675	−36·151	− 5	...	...
...	37·211	+32·576	− 5	...	...
..	37·304	−23·571	− 5	...	...
..	38·049	−45·348	0·85	43·7546	9·7
...	+38·474	−31·465	− 3	...	...
...	38·727	+11·338	0·65	42·7383	9·9
...	39·269	+20·329	− 3	...	...
..	39·818	−34·764	− 2	43·7547	10·0
...	40·116	−26·388	− 2	...	...
251					
*	+40·123	−51·225	1·15	43·7548	9·4
..	40·370	− 0·892	− 2	...	...
...	41·141	−35·199	− 5	...	...
S *	41·824	+36·107	1·23	42·7384	8·9
...	41·824	+11·805	− 5	...	...
...	+42·360	+52·253	− 3	42·7385	10·0
...	42·759	+47·914	− 4	42·7386	10·0
...	42·871	+55·701	0·90	42·7387	9·5
*	42·972	+59·087	1·10	41·7478	9·2
*	43·560	− 7·081	1·00	43·7549	9·4
261–294					
261					
...	+44·029	− 8·729	− 4	...	...
*	44·203	− 1·131	1·20	42·7388	9·0
...	44·732	+48·892	− 5	...	...
...	44·843	− 8·457	0·80	43·7550	9·7
†	45·160	−23·591	− 4	...	
...	+46·158	+43·000	− 5	..	..
...	46·553	−57·997	− 5	.	...
...	46·756	−46·945	− 5	...	...
...	46·835	−50·267	− 5	.	..
*	47·037	−45·972	1·00	43·7551	9·5
271					
*	+47·456	+37·825	1·10	42·7389	9·4
...	48·511	+10·666	− 5	...	...
...	48·523	−27·614	0·80	43·7552	9·8
...	48·598	−50·483	− 5	...	...
..	50·827	+53·279	− 1	42·7390	9·6
...	+50·916	−51·244	− 4	43·7553	10·0
..	51·540	− 7·748	0·65	43·7554	10·0
...	52·353	−27·228	− 1	43·7555	10·0
*	52·472	−41·721	2·20	43·7556	8·1
*	52·604	+16·651	1·00	42·7391	9·9
281					
S ‡	+53·057	−34·670	2·40	43·7557	7·7
..	53·349	−20·225	− 5	...	...
..	53·386	+14·824	0·90	42·7392	9·6
...	53·795	− 5·558	− 4	...	...
.	55·087	−52·962	− 3	43·7559	9·8
*	+55·594	−10·058	1·50	43·7558	8·6
..	56·505	+31·466	− 5	...	...
*	56·655	−15·123	1·10	43·7560	9·4
...	57·020	+19·939	− 5	...	...
N *	57·130	−32·969	1·30	43·7561	9·0
291					
‡	+57·732	+45·099	1·00	42·7393	9·2
...	57·811	−31·653	− 4	...	...
*	58·355	−36·741	1·10	43·7562	9·5
..	58·646	−47·295	0·80	43·7563	9·5

§ $10^{h}\cdot8$ = D, −5.

290. Mass. 43°·99, mass; 44 ·99, two stars.

1–10					
1					
.	−59·422	−32·873	− 5	..	...
..	57·962	− 7·845	1·00	43·7554	10·0
*	57·617	+16·576	1·10	42·7391	9·9
..	57·417	−29·084	− 4	...	...
.	57·298	−51·343	0·70	43·7553	10·0
*	−56·790	+14·771	1·15	42·7392	9·6
*	56·576	−27·297	1·00	43·7555	10·0
	56·168	−19·270	− 3	...	...
.	56·021	−11·[illegible]4	− 5	...	...
*	56·013	−41·767	2·80	43·7556	8·1
11–20					
11					
.	−55·778	−20·257	− 3	...	...
	55·773	− 5·589	0·80	...	...
S	55·630	−34·704	3·08	43·7557	7·7
	55·328	−29·477	− 5	...	...
.	54·814	+34·473	− 5	...	...
	−54·284	−29·036	− 5	...	...
...	54·178	+31·500	− 3	...	...
*	53·827	−10·030	2·10	43·7558	8·6
*	53·327	+45·181	1·60	42·7393	9·2
...	53·302	+19·994	− 3	...	...
21–30					
21					
...	−53·150	−47·104	− 5	...	...
...	53·057	−52·934	0·80	43·7559	9·8
*	52·617	−15·054	1·20	43·7560	9·4
	52·293	+39·773	− 5	...	...
...	52·193	+ 7·459	− 4	...	...
N *	−51·616	−32·877	1·60	43·7561	9·0
...	50·979	−31·559	0·70	.	...
...	50·935	−10·599	− 3		...
...	50·590	−33·412	− 3		...
	50·533	−19·333	− 5	...	..

E measured from 1, 133, 265, 43[illegible]
E .. .. 62, 205, 359, 512.

26. Mass. 43°·98, mass; 44 ·00, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
31 90					
31				°	
…	−50·316	−55·700	−4	.	…
*	50·304	+31·825	1·00	42.7394	10·0
*	50·279	−36·617	1·10	43.7562	9·5
…	50·275	+17·765	−3	.	…
…	50·196	−35·284	−4		…
…	−50·088	+ 9·299	−5		
.	50·027	−34·945	−5	.	.
…	49·871	−58·123	−5		..
…	49·867	−54·133	−5	.	…
…	49·851	−17·604	−5	.	…
41					
‡	−49·661	−47·143	1·10	43.7563	9·5
..	48·757	−24·124	−2	…	…
…	48·714	− 5·277	−2		…
…	48·413	+ 8·685	−1	…	…
…	48·300	−58·247	−4	…	…
..	−48·022	−16·107	−5	…	..
…	47·558	−47·553	−5		..
.	47·447	−50·136	−5		..
…	47·378	− 0·141	−5	M	…
…	47·330	+ 3·045	−3	…	…
51					
…	−46·861	−13·176	0·70	43.7565	10·0
.	46·260	− 9·462	−3	…	…
*	46·260	−44·074	1·00	43.7566	9·8
*	46·023	−48·621	3·00	43.7567	7·9
…	45·982	−22·109	−3	…	…
..	−45·269	−47·171	0·90	43.7568	9·8
..	45·002	+ 9·432	−5	..	…
…	44·840	−39·844	−5	…	…
S ‡	44·774	+22·733	1·70	42.7395	8·8
†	44·725	+ 2·108	−2	…	…
61					
‡	−44·679	−53·378	−5	…	…
…	44·531	+ 0·864	−5	B	…
…	44·431	−42·611	0·75	43.7570	10·0
…	44·379	+31·200	−3	…	…
…	44·285	−57·022	0·90	43.7569	10·0
…	−44·042	+32·500	−5	…	…
…	43·472	−41·784	−2	43.7571	10·0
…	43·266	−26·400	−4	…	…
*	42·673	+30·185	1·50	42.7396	9·0
…	42·602	+ 3·587	−2	…	…
71					
…	−42·431	−50·689	0·75	43.7572	10·0
…	42·415	−10·338	−5	…	…
…	42·199	+ 3·005	−4	…	…
…	42·056	+31·856	−4	…	…
…	41·871	− 8·955	−5	…	…
*	−41·555	+20·289	1·30	42.7397	8·9
…	40·920	+47·395	−1	…	…
…	40·884	−18·834	−4	…	…
…	40·169	−52·976	−5	…	…
…	39·502	+28·184	−5	…	…
81					
†	−38·942	−14·828	−5	…	…
…	38·920	−53·708	0·80	43.7573	10·0
…	38·670	−56·159	0·80	43.7574	9·8
…	38·403	−57·023	−5	…	…
…	38·323	+37·322	−1	…	…
…	−38·044	+ 7·371	−3	…	…
…	37·983	+ 7·391	−3	…	…
…	37·984	−59·166	0·90	43.7575	9·8
*	37·979	−27·477	1·20	43.7576	9·5
…	37·271	−30·542	−5	…	…
91-150					
91					
..	−37·264	−11·556	−4	…	…
…	37·243	+37·163	−5	A	…
…	37·221	+32·619	−5	..	..
†	36·969	−39·782	−5	.	..
…	36·864	−50·702	−3	…	…
…	−36·720	−37·282	−5	…	.
..	36·525	−43·218	−5	…	…
…	36·497	−46·899	−5		..
.	36·377	+58·349	−5	.	..
…	36·347	−56·744	−4		…
101					
	−35·998	− 4·139	−5	…	…
*	35·888	−30·564	1·90	43.7577	9·0
…	35·850	+ 3·815	−5	M	…
…	35·744	− 6·866	−5	…	…
..	35·283	+16·783	0·65	…	…
…	−35·084	+39·802	−5	…	…
*	34·768	+16·523	1·00	…	…
†	34·435	−34·787	−5	…	…
*	34·124	+ 6·986	1·10	42.7398	10·0
…	34·085	+48·621	−5	…	…
111					
S *	−34·071	−14·214	2·10	43.7578	8·1
…	33·913	+ 0·531	−5	M	…
…	33·753	−41·230	−2	…	…
…	33·417	+16·642	−2	…	…
.	33·355	−10·221	−5	..	…
…	−33·270	−36·106	0·65	…	…
…	32·581	+17·279	−4	…	…
…	32·456	+ 7·249	0·65	42.7399	10·0
…	32·131	− 6·501	−4	…	…
…	32·108	−51·881	−3	…	…
121					
…	−31·741	+30·352	−4	…	…
…	31·526	+ 9·999	−5	…	…
…	31·420	−58·069	−5	…	…
…	31·318	+24·534	−4	…	…
*	31·309	−53·202	1·00	43.7579	10·0
…	−31·220	−24·343	−4	…	…
…	31·156	−52·515	−5	…	…
…	31·126	−19·855	−3	…	…
…	30·965	+39·806	−5	…	…
…	30·402	−41·002	0·65	…	…
131					
…	−29·910	+27·439	−3	…	…
…	29·898	+27·292	0·65	42.7400	10·0
..	29·156	+ 7·444	−4	…	…
…	29·066	−37·624	−5	…	…
…	29·053	+13·501	−5	B	…
…	−28·969	− 2·280	−5	…	…
…	28·641	+22·043	0·75	…	…
…	28·464	−10·694	0·65	…	…
…	28·390	+16·438	−5	…	…
…	28·252	+10·670	−5	B	…
141					
…	−27·845	−54·487	−5	…	…
…	27·587	−31·110	0·70	…	…
…	27·481	−13·373	−1	..	…
…	27·043	+50·181	−4	…	…
..	26·904	+41·160	−5	…	…
…	−26·796	−36·593	0·70	…	…
…	26·693	+33·204	−5	…	…
…	26·587	+48·071	−5	…	…
…	26·296	+10·219	−5	…	…
…	25·879	+16·965	−5	…	…
151-210					
151					
..	−25·647	−58·420	−5	…	…
…	25·549	+ 6·594	−2	…	..
…	25·147	− 6·479	0·90	.	…
..	25·109	−36·710	−1	…	…
…	24·956	−55·045	−5	.	…
.	−24·874	+15·998	−5	A	…
…	24·415	+21·147	0·70	42.7401	10·0
*	23·964	−50·854	1·20	43.7580	9·4
…	23·720	−14·285	−5	…	…
…	22·680	+16·594	−3	…	…
161					
…	−22·397	+16·202	−5	M	…
…	22·106	− 2·546	0·70	…	…
…	21·949	− 7·222	0·70	…	…
…	21·892	−51·616	0·90	43.7582	10·0
…	21·745	+11·067	−5	…	…
…	−21·696	+43·693	−1	…	..
…	21·473	+38·560	−3	..	…
…	21·423	+ 7·522	−4	…	…
…	21·403	+38·273	−4	.	..
…	20·791	− 2·193	−5	..	…
171					
…	−20·677	−57·574	−5	…	…
S *	20·437	+38·721	1·35	42.7402	8·8
…	20·223	+ 6·895	−5	…	…
…	20·159	−58·520	−4	.	…
..	19·989	+22·483	−5	M	…
…	−19·852	−16·059	0·90	43.7583	10·0
†	19·773	+32·904	0·70	42.7403	9·9
…	19·585	−15·677	−4	A	…
…	19·537	+ 6·001	0·70	…	…
…	19·417	−36·785	−4		…
181					
…	−19·415	−52·144	0·65	…	…
…	19·226	− 4·146	−3		…
…	19·187	−50·088	−3	…	…
…	19·108	−11·602	−5	…	…
…	19·062	−18·576	−2	…	…
…	−19·044	−19·475	−4	…	…
…	18·992	−22·692	0·90	43.7584	10·0
…	18·647	−24·610	0·70	…	…
…	18·596	−38·571	−4	…	…
…	18·480	−12·610	−5	…	…
191					
S *	−18·200	−53·778	1·75	43.7585	9·0
…	17·741	+15·218	−5	…	…
…	17·607	−32·121	−5	…	…
…	17·497	−32·061	0·70	43.7586	10·0
†	17·455	−19·694	−5	…	…
…	−17·196	− 5·890	−2	…	…
..	16·337	−33·982	−1	…	…
…	16·220	+ 7·264	−4	…	…
…	16·216	+11·963	−3	…	…
…	16·206	+ 2·165	−1	…	…
201					
…	−15·282	−10·958	−5	…	…
…	15·275	− 0·859	−5	M	…
…	15·170	+10·390	−5	…	…
…	14·915	+19·439	0·65	…	…
…	14·581	+29·686	−5	…	…
..	−13·999	− 4·077	0·70	43.7587	10·0
*	12·985	−20·573	1·30	43.7588	9·4
…	12·720	+ 4·303	−4	…	…
*	12·487	−41·210	1·10	43.7589	9·7
…	12·293	−46·150	0·90	43.7590	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
211–270					
211					
...	−11·997	−56·954	−5	...	...
...	11·690	+30·702	−2	..	...
.	11·602	−29·797	−5	...	...
...	11·174	−40·867	0·90	43·7591	10·0
...	10·622	−36·815	−4	...	...
...	−10·261	−56·113	−4	...	...
*	9·924	−12·926	1·30	43·7592	9·3
..	9·565	+17·728	−4	...	...
...	9·115	+1·052	−5	M	...
...	9·111	−28·331	−5	..	...
221					
...	−8·892	+43·614	−5	...	...
*	8·781	+54·194	1·15	42·7404	9·4
*	7·517	+2·661	1·30	42·7405	9·2
*	7·474	−3·447	1·15	43·7593	9·5
...	7·420	+5·419	−1	...	...
...	−7·182	−36·099	−5	...	...
.	7·173	+24·683	−5	M	...
*	6·602	−2·921	1·20	42·7406	9·6
..	6·386	+11·396	−5	...	...
...	5·835	−29·900	−3	...	...
231					
..	−4·926	+4·309	−1	...	...
*	4·636	−20·659	1·15	43·7594	9·5
..	4·497	+6·785	−4	...	...
†	4·473	−19·720	0·65	43·7595	10·0
*	4·441	−29·055	1·80	43·7596	9·0
...	−4·387	−3·974	−5	M *m*	...
.	4·142	+46·962	−5	...	...
.	4·124	+11·205	−5	M *m*	...
S	4·106	−0·024	2·85	42·7407	7·7
*	3·736	−32·109	1·05	43·7597	9·8
241					
..	−3·696	−15·227	−5	...	...
.	3·230	−23·568	0·90	43·7599	10·0
*	3·217	−50·243	1·20	43·7598	9·4
.	2·838	−35·215	−5	*m*	...
...	2·790	+43·377	−5	...	...
...	−2·544	−47·901	−5	...	...
*	2·258	+4·968	1·15	42·7408	9·5
*	2·240	−43·043	1·00	43·7600	10·0
S	2·221	+28·623	1·95	42·7409	8·6
*	2·086	+41·227	1·30	42·7410	9·0
251					
.	−1·978	−56·366	0·70	43·7601	10·0
	1·765	+46·543	−5	...	...
	1·688	−53·230	−5	..	...
	1·518	−51·952	0·90	43·7602	10·0
...	1·503	−17·577	−5	M *m*	..
.	−1·423	+9·080	−4	...	..
*	1·255	−27·514	1·00	43·7603	9·7
*	1·248	−35·632	1·00	43·7604	9·8
.	1·218	−47·197	−4	..	...
	1·15	−8·152	−4	...	...
261					
...	−0·768	+28·593	−5	M	...
*	0·743	+25·513	1·20	42·7411	9·3
*	−0·377	−7·117	1·00	42·7412	9·8
†	+0·162	+1·043	0·85	42·7413	9·9
	0·569	−30·110	−4	...	...
*	+0·642	−37·595	1·00	43·7605	9·8
..	0·949	+0·974	−4	..	...
..	0·959	−3·499	−1	...	...
...	1·197	−34·457	−4	...	...
*	1·402	+53·532	1·00	42·7414	9·6
271–330					
271					
..	+1·520	−37·868	0·90	43·7606	10·0
.	1·586	+9·905	−3	...	...
...	1·676	−15·590	−1	...	...
*	1·968	−36·304	2·20	43·7607	8·8
*	2·012	+7·334	1·15	42·7415	9·2
...	+2·624	−55·325	−4	..	...
...	2·935	−50·211	−1	...	...
..	2·962	−34·016	−2	...	...
*	2·990	−0·011	1·00	42·7416	9·8
*	3·253	−41·947	1·00	43·7608	9·8
281					
...	+3·680	−11·840	−5	M *m*	...
*	3·703	−6·406	1·15	43·7609	9·8
...	3·773	−35·946	−2	...	...
.	3·875	−10·221	0·95	43·7610	10·0
...	3·930	−33·933	−2	...	...
...	+3·961	−33·427	−5	M *m*	...
...	4·117	−19·199	0·80	43·7611	10·0
...	4·430	−39·338	−3	...	...
...	4·667	−12·455	−5	M *m*	...
...	4·765	−14·089	−4	...	...
291					
...	+4·863	+28·128	0·70	...	..
...	5·017	+9·397	−1	...	.
*	5·351	+7·382	1·10	42·7417	9·4
...	5·477	+50·574	−3	...	...
...	5·540	−17·451	−2	...	...
*	+5·582	−31·103	2·90	43·7612	7·6
*	5·629	−41·697	1·00	43·7614	10·0
+	5·752	−30·079	1·10	43·7615	9·4
*	5·771	−12·429	1·00	43·7613	9·8
...	6·030	−18·855	−3	...	...
301					
...	+6·294	−5·842	−5	*m*	..
...	6·353	+5·406	−4	...	...
...	6·723	−46·051	−1	.	...
...	7·038	+36·849	−4	.	.
..	7·087	+29·069	−5	...	...
...	+7·230	−47·423	−3	..	...
...	7·414	+49·621	0·80	42·7418	10·0
	7·416	−47·409	0·70	...	...
...	7·560	−49·586	−4	...	...
...	8·011	+57·613	0·70	41·7501	10·0
311					
...	+8·062	−12·610	0·90	..	...
*	8·069	+32·719	1·05	42·7419	9·8
...	8·073	+14·536	−5	*m*	...
	8·097	−22·520	−5	*m*	..
*	8·177	−39·853	1·40	43·7616	9·4
.	+8·277	−24·624	−3	...	...
	8·287	−11·300	−3		...
	8·354	−27·211	−3		.
	8·568	−39·527	−3	...	.
...	9·143	−25·477	−5	..	..
321					
	+9·718	+38·786	−3	...	.
...	9·745	−34·450	−4	...	...
	9·883	−49·000	−5	..	...
	9·895	−17·304	−4	...	...
	10·064	−19·881	−4	...	...
*	+10·336	−16·803	1·20	43·7617	9·4
*	10·665	−34·177	1·15	43·7618	9·6
...	10·767	−43·624	−4	...	...
‡	11·021	−24·651	1·05	...	...
..	11·032	−37·306	−5	...	...
331–390					
331					
...	+11·039	+23·044	−3	...	...
*	11·373	+46·478	1·45	42·7420	9·2
...	11·833	−8·009	−5	...	...
...	11·958	+6·182	−5	...	...
*	12·179	−8·471	1·00	...	...
*	+12·455	−42·788	1·00	...	...
...	12·577	+30·364	−4	...	...
...	12·637	+8·413	−4	...	...
...	12·965	−54·823	−3	...	...
...	13·801	−37·765	−5	...	...
341					
*	+13·891	−18·244	1·30	43·7619	9·5
...	13·911	−44·204	−4	...	...
...	13·955	+48·626	−5	...	...
...	13·956	−30·013	−5	..	..
...	14·127	−47·257	−5	...	...
...	+14·146	−56·714	−5	...	...
*	14·147	+53·022	1·05	42·7421	9·6
...	14·297	−40·931	−2	...	...
...	14·333	−38·231	−2	...	...
...	14·339	−18·193	−5	...	...
351					
...	+14·379	−35·602	−5	...	...
...	14·597	−55·049	−5	...	...
...	14·839	−50·805	−4	..	...
...	14·854	−16·523	0·90	...	...
*	14·897	−47·395	1·25	43·7620	9·5
...	+15·506	−41·051	−5	...	...
...	15·739	−33·847	−2	...	...
...	15·781	−14·602	−4	...	...
...	15·850	−40·114	−5	...	...
*	16·050	−49·108	1·05	..	..
361					
...	+16·052	−22·376	−1	...	...
..	16·690	+36·188	0·70	42·7422	10·0
...	16·746	+18·601	−4	...	..
...	17·090	−3·238	−1	...	.
...	17·195	−24·558	−5	...	...
...	+17·209	−48·706	−4	...	..
...	17·216	−41·997	−5	...	..
...	17·423	+53·507	−5	...	...
...	17·450	+10·646	−1	...	...
*	17·720	−21·240	1·15	43·7621	9·6
371					
...	+18·040	+39·805	−2	...	...
	18·534	−31·731	−5	...	...
...	18·736	−35·121	−2	...	...
..	18·870	−24·286	0·70	...	...
..	19·054	−17·397	0·70	...	...
*	+19·237	−6·440	1·05	...	...
*	19·242	+47·299	1·20	42·7423	9·2
..	19·337	−56·908	−5	...	...
...	19·456	−13·682	−5	*m*	.
...	19·504	−6·729	−5	...	.
381					
...	+19·643	−42·162	−1	.	...
...	19·748	+2·594	−5	...	...
...	20·052	+14·664	−5	...	...
†	20·209	−31·179	−3	..	.
*	20·686	−25·760	1·00	.	...
...	+20·879	+26·787	−2	...	...
‡	20·894	+35·033	1·00	42·7424	9·9
*	21·009	+19·442	2·10	42·7425	8·7
...	21·049	−54·436	−5	...	...
...	21·303	+19·506	−1	...	...

391–450

Notes.	Co-ordinates. x.	y.	Diam. s.	C.P.D. No.	Mag.
391					
*	+21·372	−55·057	4·80	43·7622	6·0
...	21·718	−55·279	− 4	...	...
...	21·864	−57·531	1·20	..	...
...	22·267	−54·233	5	m	...
...	23·248	+ 9·290	− 1	...	...
...	+23·345	+58·627	− 5	...	...
*	23·704	+ 2·313	1·05	42.7426	10·0
...	23·742	− 1·901	− 5	m	...
...	23·871	+ 3·366	− 1	...	...
...	24·081	−51·386	− 5	m	...
401					
*	+24·156	+27·062	2·30	42.7427	8·4
...	24·192	+12·725	− 5	...	...
...	24·226	+28·078	− 1	...	...
...	24·242	−31·487	− 5	m	...
...	24·459	−20·661	− 5	...	...
...	+24·558	−54·214	− 5	..	...
...	24·581	+15·324	− 1	...	
†	24·886	−59·554	0·65	...	...
...	25·560	−20·725	− 5	...	...
...	25·583	+33·724	− 5		...
411					
...	+25·745	−18·238	− 5	m	...
...	25·804	−53·843	− 5	...	...
...	25·830	− 0·346	− 1	...	...
...	25·862	−21·510	− 5	...	...
...	25·899	−17·927	− 4	...	...
...	+26·161	+31·323	0·65	...	...
...	26·178	+31·798	− 5	...	...
*	26·312	+34·910	1·20	42.7428	9·5
*	26·558	+30·738	1·00	42.7429	10·0
...	26·931	−13·419	− 5	...	...
421					
...	+26·971	+ 1·122	− 4	...	...
...	27·145	+ 1·134	− 1	...	...
...	27·200	−14·280	− 4	...	...
...	27·443	+ 4·906	− 5	a	...
...	27·614	−15·171	− 1	...	...
...	+27·670	+ 6·240	− 4	...	...
...	27·692	−43·418	− 5	m	...
...	28·195	− 6·502	− 5	m	...
...	28·200	−50·399	− 5	...	...
...	28·466	+32·981	− 4	...	...
431					
...	+28·689	−46·360	− 5	m	...
*	28·826	−15·564	1·80	43.7623	9·4
...	28·834	−35·530	− 2	...	...
*	29·539	−24·896	1·00	...	...
...	29·693	−17·037	− 5	m	...
*	+29·788	−51·038	1·05	...	...
†	30·096	− 7·171	− 5	..	...
...	30·641	+52·676	− 3	...	...
...	30·816	−10·720	− 5	m	
...	30·989	−11·676	− 5	...	...
441					
...	+30·995	+ 1·307	− 5	m	...
...	31·116	+23·963	− 1	42.7430	10·0
...	31·305	−58·260	− 5	a	...
*	32·139	− 3·649	1·10	43.7624	9·6
S *	32·254	−38·968	2·30	43.7625	8·6
...	+32·368	+15·453	0·70	...	...
...	32·394	−46·761	− 3	...	...
*	32·414	+30·573	1·20	42.7431	9·0
...	32·728	−33·770	0·80	...	...
...	32·953	−58·383	− 4	...	...

451–510

Notes.	Co-ordinates. x.	y.	Diam. s.	C.P.D. No.	Mag.
451					
...	+33·121	+ 49·695	0·80	42.7432	10·9
...	33·482	+19·861	− 3	.	...
...	33·650	−52·801	− 2		..
...	33·745	−14·840	− 3	..	...
...	33·782	− 7·033	− 5	m	..
...	+33·896	−44·183	− 4	...	...
...	34·207	+11·983	− 5	..	...
...	34·321	−35·875	− 5	..	...
...	34·728	− 1·198	0·70	..	...
S ‡	35·232	−26·753	2·55	43.7626	8·0
461					
...	+35·328	+56·788	1·10	41.7515	9·8
.	35·347	−29·074	− 2	...	...
...	36·114	+ 3·039	− 5	..	...
...	36·289	+27·011	− 5	...	..
..	36·409	− 3·568	− 3	...	...
*	+36·421	−28·356	1·15	43.7627	9·3
...	36·562	−42·968	− 4	...	...
*	37·033	+58·014	2·25	41.7517	8·7
...	37·213	−43·486	− 4	...	...
*	37·286	−30·590	1·00	...	..
471					
...	+37·347	−41·052	− 5	m	...
*	37·386	−52·923	1·05	...	...
...	37·391	−12·990	− 4	...	...
...	37·400	+10·581	− 5	a	...
...	37·500	+25·666	− 2	...	...
...	+38·365	+16·252	0·70	...	...
...	38·848	−18·908	− 5	m	...
...	38·914	+31·705	− 5	...	...
...	39·099	−33·628	− 5	m	..
...	39·121	+25·219	− 4	...	...
481					
...	+39·129	+36·724	− 5	...	...
...	39·312	+58·618	− 5	...	...
...	39·608	+11·005	0·90	42.7433	10·0
...	39·798	−46·345	− 5	m	...
...	39·847	−29·962	− 2	...	...
*	+40·294	− 6·370	1·10	43.7628	9·6
...	40·457	+ 8·472	0·90	42.7434	10·0
...	41·058	−34·343	− 4	...	...
..	41·488	−28·966	− 2	...	...
*	41·496	+19·882	1·25	42.7435	9·2
491					
...	+41·539	−14·152	− 4	...	...
...	41·784	+19·533	− 4	...	...
...	41·811	+ 1·931	− 5	...	...
...	42·018	+27·146	− 3	...	...
S *	42·059	− 0·512	2·85	42.7436	7·8
...	+42·334	−40·352	− 4	...	...
α *	42·382	− 0·244	1·20	42.7437	9·0
...	42·465	+19·040	− 2	...	...
...	42·544	−39·938	− 5	m	...
...	42·789	+51·124	− 4	..	...
501					
...	+43·065	−36·797	− 3	...	...
*	43·329	+24·086	1·10	42.7438	9·8
...	43·393	−30·064	− 5	...	...
...	43·548	−14·330	− 5	...	...
...	43·668	−59·488	− 4	...	...
...	+43·786	− 3·636	− 5	...	...
...	43·910	−40·453	− 3	...	...
...	44·153	+51·592	− 5	...	...
...	44·194	−56·021	− 5	..	...
...	44·413	−21·999	0·90	...	...

511–570

Notes.	Co-ordinates. x.	y.	Diam. s.	C.P.D. No.	Mag.
511					
...	+44·731	+ 4·257	− 5	...	...
†	45·133	− 7·311	− 5	...	...
*	45·303	−22·229	1·40	43.7629	9·6
..	45·445	−17·840	− 5	...	...
...	45·448	−31·921	− 1	...	...
..	+45·598	−58·883	− 5	...	...
*	45·873	+47·455	1·15	42.7439	9·6
...	46·144	−36·071	− 5	...	...
...	46·186	+53·166	− 5	...	...
...	46·250	+32·898	− 3	...	...
521					
..	+46·810	+24·138	− 5	...	...
*	46·849	−27·535	1·30	43.7630	9·6
*	47·086	+18·133	1·10	42.7440	9·8
*	47·094	−32·563	2·40	43.7631	8·9
...	47·417	− 1·628	− 5	...	...
...	+47·626	−52·117	− 5	...	...
S *	47·892	+20·563	4·75	42.7441	7·0
...	47·924	+27·880	− 5	...	...
...	48·291	−47·578	− 4	...	...
...	48·450	−41·355	− 3	...	..
531					
†	+48·500	+35·107	− 4	...	...
...	48·532	+11·401	− 5	...	...
...	49·271	− 2·955	0·90	42.7442	10·0
*	49·801	−23·009	1·05	...	...
†	50·103	+49·627	− 5	...	...
...	+50·311	−11·781	− 5	...	...
...	50·320	−36·071	− 2	...	...
..	50·641	+11·164	0·75	...	...
...	51·085	− 7·538	− 5	...	...
*	51·112	−26·276	1·20	...	...
541					
...	+51·146	+44·614	− 1	42.7443	10·0
...	51·762	− 6·866	− 5	...	...
...	51·819	−37·563	− 3	..	...
...	52·070	−28·053	− 4	...	...
.	52·319	+18·226	− 5	...	...
...	+52·366	+42·237	− 5	...	...
*	52·627	−51·416	2·00	43.7632	9·4
...	52·777	−13·675	− 5	...	...
...	52·850	−47·932	− 4	...	...
...	53·938	−41·212	− 5	e	...
551					
...	+54·016	−26·469	− 5	...	...
*	54·270	+15·075	1·05	42.7444	9·6
...	54·525	− 3·841	− 5	e	...
...	54·814	+45·193	− 5	...	...
...	54·840	−25·740	− 5	...	...
†	+55·017	−33·272	− 5	...	...
...	55·785	−11·215	− 5	...	...
...	55·967	+46·587	0·90	42.7445	9·8
...	56·138	−54·135	− 5	...	...
*	56·218	−10·515	1·20	...	...
561					
...	+56·727	−25·385	− 5	e	...
*	56·765	−52·336	1·10	43.7633	9·6
...	57·160	−45·103	− 5	...	...
*	57·773	+13·491	1·20	42.7446	9·2
...	57·941	−29·442	− 4	...	...
*	+58·142	+52·707	2·20	42.7447	8·9
...	58·489	+15·341	− 5	...	...
...	58·551	−41·635	− 1	...	...
...	58·670	+26·630	− 3	...	...
...	59·044	−20·305	− 2	...	...

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
		571			
571					
...	+59·352	− 3·523	0·65	...	...

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No	Mag.

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
		1-40			
1					
...	−59·426	+11·223	− 2	..	..
..	59·227	−23·138	0·95	...	..
...	58·307	−36·187	− 3	..	..
...	57·928	+18·134	− 5	...	...
.	57·824	−26·374	1·00	...	...
.	−57·778	− 6·954	− 5	..	...
.	56·817	−28·122	− 5	..	..
..	56·773	−37·633	− 4	...	.
	56·600	−48·561	− 5	M	...
..	56·535	−13·742	− 5	...	.
11					
...	−56·260	+45·165	− 5	...	...
+	55·905	+15·062	1·00	42.7444	9·6
*	55·551	−51·438	2·00	43.7632	9·4
..	55·435	−47·972	− 4	...	...
.	55·154	+46·595	0·80	42.7445	9·8
...	−55·085	− 3·864	− 5	E	...
...	54·925	−26·488	− 5	...	..
†	54·556	−41·208	− 5	E	...
...	54·118	−25·721	− 5	...	...
..	53·715	−33·241	− 5	...	..
21					
...	−53·613	−11·190	− 4	...	.
*	53·197	−10·472	1·10	...	...
*	53·166	+52·764	2·50	42.7447	8·9
*	52·361	+13·560	1·20	42.7446	9·2
...	52·240	−25·312	− 5	E	...
...	−51·984	−54·065	− 5	.	...
...	51·855	+26·725	− 3	.	...
...	51·855	− 7·437	− 5	M	...
...	51·700	+15·436	− 5	...	...
*	51·393	−52·241	1·10	43.7633	9·6
31					
	−51·207	−41·999	− 4	...	...
...	50·892	−29·331	− 4	..	.
..	50·255	− 3·390	− 1	...	...
...	50·076	−20·174	− 3	...	
...	49·926	−41·492	− 1	...	...
†	−49·623	+23·760	− 5	...	...
*	49·327	+16·375	1·20	42.7448	9·3
...	49·240	+27·100	− 5	...	...
...	48·929	+30·835	− 4	..	...
...	48·843	+31·696	− 5	..	..
		41-80			
41					
..	−48·836	−22·839	− 5	...	...
*	48·230	+14·835	1·20	42.7449	9·2
.	48·195	−45·847	− 3	..	...
...	48·165	−34·553	− 5	...	...
.	47·991	+ 6·815	− 5	A	...
..	−47·892	−11·397	− 3	...	...
...	47·868	− 0·321	− 5	a	...
...	47·242	+ 5·251	− 4	...	...
..	47·222	−26·100	0·70	...	...
...	47·126	+ 1·965	− 3	..	...
51					
...	−46·875	−24·896	− 5	...	...
..	46·827	+19·825	− 5	...	..
.	46·624	+42·042	0·85	42.7451	10·0
*	46·338	−30·434	1·10	43.7634	9·6
*	46·282	+11·169	1·00	42.7450	9·5
..	−46·049	−51·449	− 1	...	...
	46·037	+22·059	− 4	...	...
.	46·010	−11·461	− 5	M	...
...	45·783	+47·814	− 3	...	...
.	45·673	+35·822	− 5	...	...
61					
...	−45·379	− 2·123	− 5	...	...
..	45·180	+18·888	− 5	...	...
...	45·109	−20·635	− 2	...	...
S *	45·066	+31·923	2·35	42.7452	8·6
...	44·669	−34·915	− 3	...	...
...	−43·923	−10·023	− 5	...	...
.	43·855	+ 6·146	− 2	...	...
	43·203	− 9·852	− 5	.	...
...	43·024	+19·245	− 5	...	..
...	42·520	− 2·966	− 5	...	...
71					
...	−42·331	−52·110	− 3	..	...
..	42·196	− 8·506	− 5	...	...
...	41·071	− 4·926	− 5	..	...
*	40·694	−36·929	1·05	...	...
...	40·405	−29·464	− 2	...	...
...	−40·396	−10·453	− 5	..	...
...	40·348	+18·538	− 4	...	...
*	40·049	−11·858	1·60	43.7635	6·6
	39·785	−11·969	4·00		
...	39·725	−29·505	− 4	...	...
		81-120			
81					
...	−39·504	+ 2·512	− 5	..	...
*	39·105	−10·558	1·00	...	...
...	39·005	+13·070	− 5	B	...
...	38·712	+58·922	− 5	...	...
...	38·440	+ 3·453	− 5	..	...
...	−37·937	+12·748	− 5	...	...
...	37·675	−58·465	− 3	...	...
...	37·662	+12·868	− 5	...	...
..	37·602	−36·448	− 4	..	...
*	37·035	− 9·624	1·00	...	...
91					
	−36·858	−51·766	− 1	...	...
...	36·384	+50·142	0·75	42.7454	10·0
...	36·302	+ 2·144	0·75	42.7453	10·0
...	36·006	−35·540	− 5	...	...
S *	35·863	−14·554	2·25	43.7636	8·8
...	−35·747	−32·845	− 4	...	...
...	35·632	−17·045	− 3	...	..
...	35·491	− 2·689	− 3	...	...
...	35·392	−27·890	− 5	...	...
...	35·385	−15·556	− 3	...	...
101					
...	−35·134	−33·308	− 5	...	...
...	35·132	− 4·096	− 5	...	...
...	35·122	+28·547	− 4	...	...
*	34·929	−57·525	3·10	43.7637	7·2
‡	34·475	− 8·934	1·80	43.7639	9·3
...	−34·386	−48·124	− 5	...	...
...	34·197	+ 6·316	− 4	...	...
*	34·153	−53·330	1·40	43.7638	9·5
...	34·060	−11·576	− 5	...	...
...	34·051	−55·331	− 5	...	...
111					
...	−33·907	−12·322	− 5	...	...
*	33·894	+47·200	1·25	42.7455	9·2
...	33·558	− 7·909	− 5	...	...
...	33·452	−46·651	− 5	A	...
...	33·429	−18·271	− 5	...	...
...	−33·409	−35·176	− 5	...	...
*	32·976	−59·140	1·90	43.7640	9·3
...	32·892	+47·274	− 2	...	...
...	32·884	+54·197	− 5	...	...
...	32·841	+32·363	− 3	...	...

B measured from 1, 138, 318, 502.
E .. .. 66, 240, 422, 592.

121–180

Notes.	Co-ordinates. x.	y.	Diam. 4.	C.P.D. No.	Mag.
121					
...	−32·725	+19·670	− 5	...	...
*	32·685	+23·095	1·10	42.7456	9·5
...	32·056	− 6·519	− 5	...	..
...	31·906	−46·818	− 5	.	.
...	31·566	−56·831	− 5	...	...
*	−31·171	−36·783	1·00	...	..
...	31·124	−28·024	− 1	...	.
...	31·086	−13·051	− 1	...	...
N	30·800	−31·039	− 3		...
...	30·773	−32·270	− 1	..	...
131					
...	−30·578	+17·153	− 5	...	...
..	30·560	−40·162	− 4	...	...
*	30·375	− 6·167	1·50	43.7641	9·4
...	30·285	− 3·139	− 5	...	...
*	30·265	+24·546	1·00	42.7457	9·9
*	−30·233	+34·621	1·10	42.7458	9·5
...	29·893	−38·578	− 5	...	...
...	29·363	+ 9·453	0·65	...	...
..	29·202	+24·641	− 5	...	...
...	28·718	−51·705	− 5	...	...
141					
...	−28·520	+53·241	− 4	...	...
*	28·344	+12·513	1·00	42.7459	9·8
...	28·156	−36·877	0·70	...	...
...	28·080	+19·299	− 5	...	...
*	27·971	−40·405	1·80	43.7642	8·9
...	−27·928	−32·422	− 3	...	...
*	27·869	−57·487	1·00	...	...
..	27·677	−14·172	− 2	...	...
...	27·629	−45·402	− 4	...	...
...	27·209	−13·290	− 5	...	...
151					
...	−26·339	− 8·960	− 5	..	...
...	26·131	+26·945	− 5	...	...
*	26·114	−50·955	1·00	...	...
...	25·295	−36·537	− 4	...	...
...	25·097	−51·595	0·95	...	...
...	−25·080	−41·453	− 4	...	...
...	24·965	− 1·342	0·70	42.7460	10·0
...	24·843	−46·269	− 4	...	...
...	24·325	+15·453	− 5	B	...
...	24·156	−53·246	− 5	...	...
161					
...	−24·000	−26·038	− 3	...	...
...	23·965	− 3·245	− 4	...	...
...	23·912	−52·107	0·65	...	...
*	23·078	− 2·725	1·35	42.7461	9·2
...	22·969	− 9·006	− 3	...	...
...	−22·898	+41·482	− 4	...	...
†	22·678	−14·688	0·70	...	...
...	22·165	+38·069	− 5	...	...
...	22·096	+ 6·043	0·65	...	...
...	22·065	−53·492	− 5	M	...
171					
...	−22·028	−42·112	− 5	...	...
...	21·850	−10·334	− 5	M	...
...	21·542	+ 9·459	− 1	42.7462	10·0
...	21·071	+35·359	− 4	...	...
*	20·809	−41·143	1·45	43.7643	9·0
...	−20·716	−11·347	− 3	...	...
...	20·507	+14·853	− 5	...	...
...	20·252	−12·792	− 5	...	...
*	20·152	+34·883	1·00	42.7463	9·8
...	20·117	− 0·462	− 5	M	...

181–240

Notes.	Co-ordinates. x.	y.	Diam. 4.	C.P.D. No.	Mag.
181					
...	−20·090	+33·086	− 3	...	...
S *	20·064	−36·324	1·40	43.7644	9·3
...	19·950	−10·075	− 5	M	..
...	19·840	+16·669	− 5	B	..
..	19·808	− 8·774	− 5	M	..
...	−19·791	−10·812	− 5	...	...
†	19·667	−28·450	− 4	...	...
†	19·655	+39·991	− 5	...	...
†	19·486	− 9·690	− 5	...	...
...	19·467	− 6·714	− 5	M	...
191					
...	−19·459	+13·249	− 5	...	...
N	19·347	− 8·710	− 3	...	...
N	19·339	− 8·668	− 3	...	...
...	19·309	−35·082	0·80	...	...
...	19·067	−10·860	− 3	...	...
..	−18·967	−11·292	− 4	...	...
...	18·947	−11·792	− 5	M	...
...	18·735	− 9·385	− 2	...	...
...	18·730	−10·673	0·80	...	...
...	18·660	− 9·551	− 5	M	..
201					
...	−18·476	− 9·101	− 5	...	..
*	18·438	−11·392	1·00	...	...
...	18·425	+54·570	− 5	...	...
...	18·357	+12·113	0·65	..	...
...	18·327	−12·959	0·70	...	...
...	−18·302	− 9·218	− 4	...	...
...	18·300	−10·415	− 5	...	...
...	18·234	−10·859	− 4	...	...
...	18·229	− 9·544	− 5	...	...
...	18·173	+46·809	0·80	42.7464	10·0
211					
...	−18·155	+24·983	− 3	...	...
*	17·756	− 9·992	1·00	...	...
...	17·538	− 1·518	0·65	...	...
...	17·434	−59·343	− 5	...	...
...	17·030	−32·689	− 4	...	...
...	−16·959	−44·400	− 3	..	...
...	16·956	− 9·426	− 5	..	...
..	16·956	−34·410	0·90	.	...
..	16·904	−10·950	0·70	...	...
...	16·659	−53·287	− 4	...	...
221					
...	−16·528	−26·338	− 3	.	...
...	16·408	−10·462	− 4	..	..
...	16·392	− 7·599	− 4	..	...
...	16·325	−15·597	− 5	...	...
...	16·306	−11·918	− 3	..	.
...	−16·299	−54·293	− 3	...	..
...	16·280	− 8·185	0·80	...	..
...	15·966	− 6·909	− 5	...	...
...	15·877	−11·555	− 1	..	..
...	15·780	−29·960	− 5	M	...
231					
...	−15·675	+25·853	− 4	...	...
*	15·433	−48·339	1·00	...	...
...	15·421	+38·452	− 5	...	..
...	15·375	−11·206	− 5	...	...
...	15·148	+ 9·844	− 3	...	...
*	−15·009	−21·279	2·00	43.7645	9·0
...	14·978	−19·096	− 5	...	...
...	14·796	+14·449	0·65	42.7465	10·0
...	14·757	−21·613	− 5	...	...
†	14·571	−25·355	− 4	...	...

241–300

Notes.	Co-ordinates. x.	y.	Diam. 4.	C.P.D. No.	Mag.
241					
..	−14·477	−12·316	− 5	...	...
*	14·474	−57·873	1·80	43.7646	9·0
..	14·395	−51·514	− 5	A	...
...	14·389	−13·102	− 5	...	...
.	14·079	+ 6·722	− 5	...	...
...	−13·855	+12·625	0·65	42.7466	10·0
*	13·426	+33·498	1·20	42.7467	9·2
...	13·352	−25·893	− 5	..	...
†	13·212	+ 0·144	− 5	a	...
*	12·953	−13·278	1·00	43.7647	9·6
251					
...	−12·809	−27·165	− 3	...	...
...	12·783	+ 3·962	− 5	B	...
...	12·544	−52·189	− 3	...	...
...	12·507	− 2·347	− 4	42.7468	10·0
...	12·186	− 6·877	− 3	...	...
S *	−12·062	−58·011	1·90	43.7648	8·9
...	11·880	+35·855	− 5	...	...
...	11·781	+18·584	− 4	...	...
...	11·765	− 0·559	− 5	...	...
...	11·437	−32·454	− 5	...	...
261					
*	−11·412	−12·431	1·70	43.7649	9·2
*	11·256	+30·828	1·05	42.7469	10·0
...	11·077	− 2·643	− 4	...	...
...	10·823	−31·602	− 4	...	...
†	10·744	−29·673	− 5	...	...
..	−10·615	+44·742	− 5	...	...
*	10·593	−40·101	1·60	43.7650	9·2
...	10·557	−40·839	− 4	...	...
...	10·418	−11·810	− 4	..	...
...	10·347	+ 5·964	− 5	A	...
271					
...	−10·031	+41·700	− 4	...	...
...	9·741	−40·366	− 5	...	...
†	9·695	−32·473	− 5	...	...
†	9·666	+36·811	− 5	...	...
†	9·606	−52·206	− 4	...	...
...	− 9·485	−35·063	− 5	...	...
...	9·134	−23·126	0·85	...	...
...	8·764	−25·570	− 5	...	...
...	8·530	− 1·718	− 1	42.7470	10·0
*	8·489	−17·202	1·10	43.7651	9·6
281					
..	− 8·443	−13·742	− 5	...	...
S *	8·395	+40·238	1·68	42.7471	8·8
...	8·119	−28·256	0·75	...	...
*	7·955	−19·921	1·00	43.7652	9·6
..	7·743	−33·914	− 4	...	...
..	− 7·699	+14·976	− 5	...	...
...	7·536	+10·734	− 3	...	...
..	7·189	+ 7·271	− 2	...	...
...	7·040	−39·832	− 2	...	...
...	6·705	−16·216	− 5	...	...
291					
...	− 6·484	−33·741	− 4	...	...
...	6·393	−47·695	− 5	...	...
*	6·388	−53·901	1·05	...	...
...	6·066	−17·697	− 5	...	...
...	5·955	+ 0·896	− 5	...	...
...	− 5·489	− 3·914	− 5	...	...
*	5·262	+14·847	1·20	42.7472	9·3
...	5·064	+58·236	− 3	...	...
*	4·341	−42·220	1·30	43.7653	9·4
..	4·225	+34·523	− 5	...	...

129. Mass. 44°·100, two stars.
192, 193. 44°·100, mass.

301–360

Notes.	Co-ordinates. x.	y.	Diam. −4.	C.P.D. No.	Mag.
301					
...	− 4·[illegible]	−24·886	− 5	..	...
...	4·[illegible]	−11·[illegible]	− 5	m	...
...	4·025	−27·157	− 3	..	..
...	2·930	−48·553	− 5	...	...
...	2·818	−31·549	− 3	...	...
*	− 2·465	+49·002	1·20	42.7473	9·6
*	2·329	−50·718	1·10	43.7654	9·6
...	1·964	+ 4·214	− 5	...	...
*	1·823	+56·492	1·20	42.7474	9·5
...	1·680	+54·020	− 5	..	..
311					
...	− 1·443	+20·781	0·65	42.7475	10·0
*	0·868	−12·769	1·20	43.7655	9·5
*	0·825	−14·625	1·00	.	...
...	0·[illegible]73	−36·444	1·15	43.7656	9·6
...	− 0·[illegible]60	−47·[illegible]39	− 5	...	...
	+ 0·123	−56·322	− 5	..	...
.	0·[illegible]14	−38·[illegible]85	− 5	...	...
..	0·700	+ 4·120	− 4	..	...
..	0·712	−37·439	− 5	...	..
...	0·772	+ 2·301	− 5	M	...
321					
*	+ 0·793	−53·867	1·00	...	...
..	0·851	−35·224	0·70	...	...
...	1·107	+35·315	− 5	...	...
...	1·129	− 1·436	0·65	...	...
.	1·347	−38·665	− 3	..	...
...	+ 1·478	+19·360	− 5	M	...
...	1·493	−31·685	− 5	M m	...
*	1·611	−34·543	1·00	...	...
...	1·647	−13·225	− 5	M m	...
...	1·719	−48·442	− 5	...	...
331					
...	+ 2·150	+ 0·515	− 5	a m	...
.	2·265	−40·428	− 5	..	..
	2·430	−23·646	− 5	M m	...
..	2·629	−35·500	− 1	...	...
.	2·700	+ 0·531	− 3	...	...
..	+ 2·928	−43·914	− 5	...	...
..	3·072	−30·245	− 5	m	...
*	3·106	−57·[illegible]87	1·10	43.7657	9·5
...	3·520	−27·288	− 2	...	...
...	3·549	−18·310	− 5	M m	...
341					
*	+ 3·821	−54·990	1·80	43.7658	9·0
*	4·108	−33·[illegible]3	3·00	43.7659	8·0
...	4·361	−32·091	− 5	..	...
...	4·472	−22·154	0·70	...	...
...	4·495	− 3·277	− 1	...	...
...	+ 4·850	− 9·092	− 3	..	...
...	4·961	−42·178	− 4	.	...
†	5·319	−41·963	− 3	...	...
†	5·359	−30·108	− 2	..	...
...	5·649	+13·107	− 5	...	...
351					
*	+ 5·93[illegible]	−32·789	1·20	43.7660	9·5
..	6·673	−1[illegible]·51	− 5	..	...
S *	6·[illegible]33	+18·429	2·00	42.7476	8·4
...	7·106	+27·656	− 2	...	...
...	7·187	− 9·[illegible]27	− 4	.	...
...	+ 7·[illegible]28	−39·[illegible]38	0·70	.	..
...	7·712	−22·232	− 3	..	...
.	7·[illegible]983	+30·[illegible]932	0·[illegible]	42.7477	10·0
...	8·153	−29·402	− 5	...	...
...	8·249	− 6·566	− 3	...	...

361–420

Notes.	Co-ordinates. x.	y.	Diam. −4.	C.P.D. No.	Mag.
361				°	
...	+ 8·345	−22·391	− 4	...	...
...	8·407	−38·4[illegible]5	− 5	...	...
...	8·471	−27·310	− 3	..	...
...	8·585	− 5·[illegible]2[illegible]	0·90	...	...
...	8·642	−26·976	− 5	m	...
...	+ 8·709	− 3·008	− 5	...	...
...	8·866	−36·099	− 3	...	...
...	8·955	− 9·902	− 4	...	...
...	9·093	+18·271	− 5	..	...
...	9·359	−46·329	− 5	...	...
371					
...	+ 9·[illegible]33	−39·269	− 5	...	...
.	9·540	−53·938	− 3	...	...
...	9·828	−32·740	− 2	...	...
...	9·947	−42·716	− 3	...	...
...	10·105	−46·373	− 5	...	...
†	+10·271	−43·151	− 4	...	...
†	10·349	−31·006	1·00	43.7661	9·6
...	10·466	−22·368	− 5	...	...
...	10·525	+ 6·149	− 5	...	...
...	10·554	−15·829	− 3	...	...
381					
*	+10·611	−35·[illegible]60	1·00	...	...
†	11·002	+ 5·165	− 3	...	...
...	11·006	+ 8·014	− 5	...	...
..	11·027	+12·210	0·65	...	...
*	11·055	+27·088	1·00	42.7478	9·8
...	+11·247	+11·116	− 5	..	...
...	11·252	−56·915	− 5	...	...
...	11·274	−31·180	− 5	...	...
*	11·303	− 5·[illegible]37	1·00	...	...
...	11·393	−23·130	− 4	..	...
391					
...	+11·513	−35·[illegible]50	− 5	...	...
...	11·602	−49·852	− 5	..	...
...	11·625	+12·[illegible]0	− 1	...	...
S *	11·725	−27·676	2·75	43.7662	7·8
...	11·911	+47·338	− 5	...	...
...	+11·947	+24·959	− 5	...	...
*	11·985	−18·372	1·20	43.7663	9·6
...	12·288	−46·666	− 4	...	...
...	12·352	−40·388	− 3	...	...
S *	12·458	+42·176	1·00	42.7479	9·6
401					
...	+12·603	−14·195	0·90	...	...
...	12·688	− 7·793	− 5	m	...
*	12·736	−37·33[illegible]	1·00	43.7664	9·6
*	12·750	−33·721	1·00	43.7665	9·6
..	12·858	−23·497	− 4	...	...
...	+13·317	+51·927	− 4	...	...
...	13·439	−37·470	− 5	...	...
...	13·490	−23·514	− 5	...	...
...	13·502	+ 1·772	− 5	...	...
*	14·051	−16·644	1·90	43.7666	9·0
411					
...	+14·126	−11·561	− 1	...	...
...	14·309	−21·621	− 5	...	...
...	14·309	−53·897	− 5	...	...
...	14·462	+58·698	− 5	..	...
...	14·674	−49·732	− 5	..	...
*	+14·723	−48·090	1·00	...	...
...	14·794	−54·962	− 4	...	...
.	14·916	+55·524	− 5	...	...
...	14·978	−23·668	− 4	...	...
.	15·032	−15·756	0·70	...	...

421–480

Notes.	Co-ordinates. x.	y.	Diam. −4.	C.P.D. No.	Mag.
421					
...	+15·056	− 6·746	− 4	...	...
*	15·436	− 2·061	1·40	42.7480	9·2
...	15·535	−50·761	− 5	...	...
...	15·673	−56·500	− 5	...	...
...	15·934	−13·258	− 5	m	...
...	+15·944	+36·758	− 5	...	...
...	16·077	+ 2·252	− 2	...	...
...	16·434	+55·192	− 4	42.7481	10·0
...	16·447	+ 5·875	− 5	.	...
...	16·917	+ 8·830	− 5	..	...
431					
...	+17·119	−57·678	− 2	...	..
...	17·286	−51·166	− 5	...	...
...	17·372	−40·800	− 5	...	...
...	17·978	− 9·578	− 3	...	...
..	18·532	+40·382	− 5	...	...
...	+18·765	−16·083	− 4	...	...
...	19·015	−38·625	− 5	...	...
...	19·051	−27·642	− 5	...	...
...	19·309	−36·723	− 5	..	...
*	19·435	−42·034	1·10	43.7668	9·6
441					
†	+19·867	−54·563	− 4	...	...
..	19·999	−58·132	− 4	...	...
...	20·010	−55·571	− 5	...	...
...	20·027	−20·125	0·65	...	...
...	20·107	−10·688	− 5	..	...
†	+20·225	−42·598	− 4	...	...
...	20·519	− 9·496	− 5	...	...
...	20·553	−22·623	− 5	...	...
...	20·558	− 8·576	− 5	...	...
...	20·689	−44·465	− 5	...	...
451					
*	+20·703	−35·908	1·05	43.7669	9·6
...	20·743	−10·608	− 5	..	...
...	21·213	−43·442	− 5	...	...
...	21·256	−13·869	− 5	...	...
...	21·263	−38·777	− 5	...	...
...	+21·523	−25·560	− 5	...	...
...	21·907	−51·088	− 5	...	...
*	21·980	−11·777	1·60	43.7670	9·3
*	22·105	−45·349	1·30	43.7671	9·3
...	22·357	−40·430	− 3	...	...
461					
...	+22·646	− 5·956	− 1	...	...
...	22·786	−56·672	− 1	...	...
...	23·064	− 8·865	− 5	...	...
*	23·147	−34·817	2·50	43.7672	8·3
...	23·201	− 9·517	− 5	...	...
...	+23·306	−43·515	− 4	...	...
...	23·376	−20·886	− 4	...	...
*	24·035	−54·326	1·30	43.7673	9·6
N *	24·271	−21·099	1·60	43.7674	9·2
...	24·345	−58·379	− 2	...	...
471					
...	+24·376	+25·[illegible]43	− 1	...	...
...	24·487	−54·435	− 4	...	...
...	24·759	−18·721	− 5	...	...
...	24·783	−33·617	− 4	...	...
...	24·80[illegible]	−40·867	− 5	...	...
...	+25·336	− 5·904	− 5	...	...
...	25·610	−52·744	− 4	...	...
*	25·774	−17·741	1·00	43.7675	9·6
*	25·962	−20·925	1·00	...	...
...	26·228	−35·459	− 5	a	...

400. Mass. 44 Tel, two stars.

Notes.	Coordinates.		Diam.	C.P.D.	
	x.	y.	d.	No.	Mag.
481 540					
481					
...	+26·309	−46·956	− 5	...	...
...	26·521	−39·262	− 1	..	..
*	26·624	+47·516	1·30	42.7483	8·9
*	26·655	+47·723	1·20	42.7482	8·8
*	26·725	−45·156	1·60	43.7676	9·3
...	+26·872	+24·698	− 5	..	..
...	26·998	−18·725	− 2	..	..
...	27·083	+ 1·837	− 5	...	...
*	28·181	−41·175	2·00	43.7677	9·0
...	28·217	− 9·460	0·70	...	...
491					
...	+28·244	−19·375	− 1	...	...
...	29·026	−40·729	− 5	..	...
...	29·126	+20·401	− 1	...	...
...	29·138	−49·727	− 3	...	...
...	29·184	− 2·291	− 5	*m*	...
†	+29·349	+45·036	− 5	...	...
‡	29·439	+ 5·270	1·20	42.7484	9·6
†	29·894	−54·488	− 5	...	...
...	29·900	− 8·758	0·80	...	...
...	29·920	−43·472	0·80	...	...
501					
†	+30·186	−34·167	0·70	...	...
‡	30·249	−38·831	1·30	43.7678	9·6
...	30·324	−17·810	− 4	...	...
...	30·421	−30·432	− 1	...	...
...	30·544	−28·174	− 5	...	...
...	+30·635	−12·644	− 5	...	...
...	31·111	−23·537	− 1	...	...
...	31·304	+ 4·800	− 3	...	...
...	31·748	+23·993	− 5	...	...
*	31·782	+16·424	1·00	42.7485	10·0
511					
...	+31·893	+10·512	− 3	...	...
...	32·308	−16·157	0·70	...	...
...	32·331	−18·696	− 1	...	...
...	32·465	−18·521	− 3	...	...
*	32·469	+41·572	1·25	42.7486	9·2
S *	+32·736	−58·307	1·85	43.7679	8·9
...	32·957	− 7·886	− 1	...	...
*	33·977	−22·021	1·50	43.7680	9·2
...	33·979	+11·174	− 5	...	...
...	34·158	−36·612	− 4	...	...
521					
...	+34·229	− 7·203	− 1	...	...
...	34·475	−33·216	0·70	...	...
...	34·537	−26·360	− 5	...	...
†	35·044	+44·069	− 1	42.7487	10·0
...	35·067	+18·611	− 4	...	...
...	+35·313	+44·223	− 4	...	...
...	35·344	−17·880	− 5	...	...
n *	35·603	−20·151	1·10	43.7681	9·5
...	35·639	−48·746	− 5	...	...
...	35·697	−15·059	− 5	...	...
531					
n *	+35·788	−19·976	1·20	43.7681	9·5
...	35·992	+22·144	− 5	...	...
...	36·104	+13·163	0·70	42.7489	10·0
*	36·204	+42·540	1·00	42.7488	10·0
...	36·211	+39·783	− 5	...	...
...	+36·975	+ 3·410	− 3	...	...
...	37·142	−49·045	− 4	...	...
...	37·204	+24·612	− 5	...	...
...	37·288	−41·463	− 5	...	...
...	37·363	+14·899	− 3	...	...
541 600					
541					
‡	+37·618	−29·576	1·45	43.7682	8·9
...	37·667	−29·500	0·70		
...	37·939	−47·108	0·65	...	...
...	37·996	−54·46	− 3	.	...
..	38·129	−50·714	− 5	..	..
...	38·389	−32·818	− 5	...	...
...	38·453	−17·951	− 3	..	...
...	39·073	+50·926	− 5	...	...
...	39·241	+27·884	− 1	42.7490	10·0
...	39·427	+27·630	− 3	..	...
551					
...	+39·493	− 8·882	− 5	*m*	...
...	39·734	−53·423	− 3	..	...
...	39·799	−37·760	− 3	...	...
...	39·821	−10·665	− 5	..	...
...	39·931	− 7·612	− 5	*m*	...
†	+40·100	− 1·101	0·85	42.7491	10·0
...	40·340	−25·640	− 2	...	...
S *	40·406	−27·690	1·90	43.7683	8·8
...	40·491	− 0·282	− 4	...	...
...	40·907	+ 3·794	− 3	...	...
561					
*	+40·982	+57·543	1·20	41.7590	9·4
...	41·144	−52·563	− 5	...	...
...	41·300	+15·646	− 3	...	...
...	41·477	−48·273	− 3	...	...
...	41·491	+ 5·335	0·70	42.7492	10·0
...	+41·598	−18·259	− 1	...	...
*	42·080	−11·965	1·00	...	...
...	42·084	−53·422	− 4	...	...
...	42·092	−29·332	− 3	...	...
...	42·202	−52·448	− 3	...	...
571					
...	+42·257	−10·191	− 5	...	...
...	42·394	−22·602	0·80	...	...
...	42·516	+ 6·749	− 5	...	...
...	42·621	+22·094	− 5	...	...
...	42·775	−17·354	− 3	...	...
...	+42·806	−43·798	− 5	...	...
...	42·883	−34·202	− 4	...	...
N	42·898	−41·123	0·70	...	...
...	42·963	−17·449	− 5	...	...
...	43·001	+ 9·019	− 5	...	...
581					
...	+43·137	+ 2·738	− 5	...	...
†	43·419	+ 0·345	0·70	42.7493	10·0
...	43·427	−22·546	− 5	...	...
*	43·550	−49·369	1·90	43.7684	9·2
*	44·021	+18·801	1·00	42.7494	9·6
...	+44·025	+22·107	− 4	...	...
...	44·065	+18·698	− 4	...	...
...	44·269	−32·758	− 3	...	...
†	44·598	− 9·725	− 3	...	...
*	44·614	−36·081	1·50	43.7685	9·3
591					
...	+44·993	+ 1·415	− 5	...	...
...	45·821	− 9·541	− 5	...	...
...	45·880	+37·866	− 4	...	...
...	45·929	−22·187	− 5	...	...
*	45·934	+ 3·697	1·90	42.7495	8·8
...	+46·102	+49·580	− 5	...	...
...	46·169	+43·302	− 5	...	...
...	46·183	−24·432	− 4	...	...
...	46·318	−21·569	− 2	...	...
...	46·348	−18·542	− 5	...	...
601–660					
601					
...	+46·454	−47·520	− 3	...	...
...	46·460	+51·4 8	− 3	42.7496	10·0
S *	46·603	− 2·049	2·10	42.7497	8·5
...	46·623	−57·3 1	0·65	..	...
..	46·735	− 4·329	− 4	...	...
*	+46·939	−23·6 6	1·00	.	...
...	47·539	−14·336	− 5	...	...
..	47·634	+51·65	0·70	42.7498	9·6
*	47·752	−14·097	1·00	...	...
...	48·017	−25·527	− 4	..	...
611					
...	+48·313	+13·145	− 4	..	...
...	48·517	+53·136	1·00	42.7499	9·4
...	48·547	−41·861	− 5	...	...
..	48·699	+12·403	− 4	...	...
.	48·731	−45·026	− 4	...	...
...	+48·966	+ 7·59	− 3	...	...
...	49·041	−20·419	0·90	...	...
...	49·069	−24·133	− 4	...	...
..	49·207	−18·333	− 5	*m*	...
...	49·223	+40·333	− 4	42.7500	10·0
621					
...	+49·486	+53·729	1·10	42.7501	9·4
...	49·538	−47·415	− 3	...	...
...	49·595	−47·973	0·80	...	...
...	49·933	−15·173	− 4	..	...
...	49·958	+32·129	− 5	..	...
†	+50·128	+ 0·178	− 2	...	...
...	50·222	+23·712	− 5	...	...
*	50·452	−31·916	1·20	43.7686	9·6
...	50·732	−43·918	− 4	...	...
*	50·799	+52·778	2·10	42.7502	8·9
631					
...	+51·046	−46·140	0·90	.	...
...	51·608	−27·842	− 3	..	...
...	51·788	−24·40	− 5	...	...
...	51·888	+ 0·164	− 4	...	...
*	52·013	+22·324	1·00	42.7503	9·9
*	+52·027	− 9·402	1·15	43.7687	9·6
n	52·603	+26·833	− 4	42.7504	9·8
...	52·638	−42·256	0·70	...	...
n	52·690	+26·732	− 4	42.7504	9·8
...	52·766	+10·552	− 5	...	...
641					
...	+52·793	−53·938	− 5	...	...
...	53·027	−19·757	− 4	..	...
...	53·268	−36·325	0·90	...	...
*	53·513	+23·913	1·10	42.7506	9·6
...	53·526	−21·968	− 5	...	...
...	+53·674	+44·919	− 5	42.7505	10·0
...	53·863	+29·806	− 5	...	...
*	53·939	−48·052	2·00	43.7688	9·2
...	54·585	+22·795	− 5	...	...
*	54·661	−15·644	2·00	43.7689	9·0
651					
†	+54·756	−14·645	− 4	...	...
*	54·941	+51·447	1·05	42.7507	9·4
*	55·494	− 2·050	1·40	42.7508	9·2
...	55·584	−18·912	− 4	...	..
...	55·822	−45·265	0·75	...	...
...	+55·860	+13·895	− 5	...	...
...	56·465	−17·463	− 5	...	...
‡	56·826	− 4·777	1·05	43.7690	9·6
*	57·023	−13·735	1·20	43.7691	9·6
...	57·547	−52·642	− 5	...	...

528, 531. C.P.D., probably mass.
637, 639. C.P.D., mass.

578. Mass. 44°·101, two stars.

Notes	Co-ordinates.		Diam.	C.P.D.	
				No.	Mag.
661–670					
661					
..	+57·798	+53·43	− 5	..	...
	58·[illegible]	− 0·56	− 5		...
	58·[illegible]	+55·402	− 4	42.7509	9·8
*	58·440	+ 4·[illegible]	1·[illegible]	42.7511	9·0
	58·446	−29·674	1·20	43.7692	9·6
*	58·453	+11·174	1·[illegible]	42.7510	9·9
.	58·725	− 9·235	− 5	...	...
...	59·169	−26·091	0·90	...	...
...	59·466	−43·863	− 5	...	...
...	59·57[illegible]	−37·676	− 5	...	...
671–674					
671					
..	+59·580	− 0·033	− 5	'	...
...	59·727	−21·461	− 5	...	...
...	59·840	−22·245	− 5	...	...
..	59·984	+ 1·309	− 2	..	...

Notes	Co ordinates.		Diam.	C.P.D.	
				No.	Mag.

Notes	Co-ordinates.		Diam.	C.P.D.	
				No.	Mag.
1–40					
1					
†	−59·593	+ 0·043	− 2	...	...
...	59·336	−15·319	− 4	...	...
..	58·758	−47·556	− 4	...	...
..	58·710	−48·124	− 2	...	...
.	58·376	+22·221	0·90	42.7503	9·9
*	−58·317	−32·042	1·10	43.7686	9·6
.	57·927	+26·746	− 1	42.7504	9·8
	57·848	+26·646	− 1		
†	57·832	+ 0·086	− 2	...	...
...	57·681	−44·030	− 3	...	...
11					
†	−57·416	+41·872	− 5	42.7505	10·0
*	57·410	− 9·487	1·00	43.7687	9·6
.	57·294	−46·238	0·65	...	...
...	57·280	27·934	− 3	...	...
...	57·278	+10·480	− 5	.	...
...	−57·203	−24·493	− 5	..	...
...	56·926	+57·363	− 5	...	...
...	56·918	+23·857	0·90	42.7506	9·6
..	56·748	+29·758	− 5	...	...
*	56·332	+51·465	1·30	42.7507	9·4
21					
	−56·227	+51·950	− 5	...	...
	56·111	−19·795	− 4	.	...
...	55·825	−42·305	0·65	...	...
	55·820	+22·781	− 5	...	...
	55·743	+33·57[illegible]	− 5	...	...
	−55·536	−21·992	− 5	...	...
	55·313	−53·993	− 5	.	...
	54·762	−56·348	0·90		...
.	54·[illegible]6	−15·642	1·25	43.7689	9·0
...	54·516	−14·634	− 4	...	...
31					
*	−54·345	−45·659	1·30	43.7688	9·2
	54·244	+13·014	− 3	...	...
*	54·[illegible]	− 2·35	1·10	42.7508	9·2
...	53·576	−18·893	− 4	.	...
.	53·[illegible]	+58·[illegible]	− 5	..	...
.	53·357	+55·467	− 2	42.7509	9·8
*	52·762	− 4·711	1·[illegible]	43.7690	9·6
.	52·735	−17·414	− 5	...	...
..	52·[illegible]	−[illegible]·312	0·65	...	...
*	52·295	−13·670	1·[illegible]	43.7691	9·6
41–80					
41					
...	−51·711	− 0·764	− 5	...	...
*	51·595	+11·271	1·00	42.7510	9·9
*	51·413	+ 4·345	1·20	42.7511	9·0
...	51·018	−30·223	− 5	...	...
...	50·740	− 9·124	− 5	...	.
...	−50·611	−52·550	− 4	...	...
*	50·403	−29·557	1·10	43.7692	9·6
†	50·134	+ 0·105	− 4	...	...
†	49·780	+ 1·456	− 2	...	...
†	49·767	−25·955	0·70	...	...
51					
S †	−49·615	+17·940	2·30	42.7512	8·0
...	49·360	−21·303	− 4	...	...
...	49·264	+ 8·118	− 5	...	...
...	49·217	−22·083	− 5	...	..
...	49·033	−37·524	− 5	...	...
...	−48·929	−43·708	− 5	...	..
...	48·853	− 6·120	0·80	...	...
*	48·794	+20·564	1·00	42.7513	9·2
...	48·650	+15·263	− 5	...	...
...	48·530	+56·751	− 5	...	...
61					
...	−48·429	+52·582	− 5	...	...
*	47·962	+44·759	1·30	42.7514	9·2
...	47·370	+28·764	− 5	...	...
...	47·289	−31·404	− 5	A	...
...	47·238	−32·550	− 5	...	...
S †	−47·191	−45·728	2·45	43.7693	8·0
...	47·075	−50·064	− 4	...	...
...	47·025	+32·561	− 5	...	...
†	46·697	−34·858	− 4	..	...
...	46·406	−49·457	− 5	..	...
71					
...	−46·275	− 4·787	− 3	.	...
...	46·249	+ 2·432	0·90	42.7515	10·0
...	46·059	−35·298	− 5	...	...
...	45·992	−31·162	− 1	...	...
...	45·685	−16·442	− 5	...	...
*	−45·527	+17·543	1·00	42.7516	9·6
†	44·[illegible]	− 1·797	0·70	42.7517	10·0
†	44·681	−54·207	− 4	...	...
†	44·640	−59·080	0·90	43.7694	9·6
..	43·857	−35·816	− 1	...	...
81–120					
81					
*	−43·628	−36·090	1·10	43.7695	9·3
...	43·357	+14·309	− 3	...	...
...	43·270	−21·224	0·65	...	...
...	43·214	−25·485	− 2	...	...
*	43·176	−26·864	1·00	43.7697	9·6
...	−43·042	−37·351	− 1	...	...
...	43·032	−40·930	0·80	43.7696	9·6
...	42·919	−10·574	− 5	...	...
...	42·738	−27·332	− 5	...	...
...	42·191	+17·419	− 4	...	.
91					
...	−42·153	−28·801	− 5	..	...
...	41·913	−45·289	0·80	...	...
...	41·694	− 0·279	− 5	..	...
...	41·412	+ 0·721	− 4	...	...
...	41·366	+55·939	− 5	...	...
...	−41·203	−58·112	− 5	...	...
...	40·995	+39·792	− 5	...	...
...	40·589	+28·992	− 5	...	...
...	40·452	+ 0·898	− 4	...	...
...	40·210	+ 7·475	− 5	...	...
101					
...	−40·025	+33·592	− 5	...	...
...	39·856	− 9·740	− 3	...	...
*	39·404	+11·249	1·15	42.7518	9·3
...	38·932	+28·107	− 3	...	...
...	38·612	−13·159	0·70	43.7698	9·6
...	−38·451	− 8·814	0·80	...	..
...	38·419	−28·613	− 5	...	...
...	38·114	−35·558	− 5	...	...
†	38·051	−14·971	− 4	...	...
...	37·973	+50·993	− 5	...	...
111					
*	−37·797	+13·765	1·00	42.7519	9·6
...	37·503	+31·155	− 5	...	...
.	37·218	+32·839	− 4	...	...
.	37·089	+46·942	− 4	..	...
..	37·070	−22·839	− 5	...	..
...	−36·847	−17·280	− 5	...	...
...	36·740	+35·216	− 3	...	...
...	36·655	− 9·305	− 1	...	...
...	36·487	−33·868	− 5	...	...
*	35·[illegible]01	−16·542	1·00	43.7699	9·6

Reobserved from 1. 156, 341, 541.
E . ,, 58, 259, 424, 631.

121–180

Notes	Co-ordinates x	Co-ordinates y	Diam.	C.P.D. No.	C.P.D. Mag.
121					
*	−35·594	− 0·653	1·00	42.7520	9·6
…	35·317	−42·354	− 4	…	…
…	35·176	−15·653	− 1	…	…
…	35·028	+21·059	− 5	…	…
…	34·984	−40·175	− 4	…	…
…	−34·982	−40·110	− 5	…	…
…	34·877	+22·432	− 3	…	…
…	34·647	− 7·720	− 5	…	…
…	34·610	+28·994	− 1	…	…
…	34·573	−15·641	− 3	…	…
131					
…	−34·539	+16·158	− 1	42.7521	10·0
…	34·311	−19·080	− 5	…	…
…	34·310	−58·319	− 4	…	…
*	34·249	+40·453	1·00	42.7523	9·6
…	34·086	+11·014	− 1	42.7522	10·0
…	−33·609	−35·392	− 4	…	…
…	33·601	+25·970	− 5	…	…
†	33·562	−14·905	− 5	…	…
…	33·516	−37·700	− 4	…	…
…	33·513	+15·248	− 4	…	…
141					
…	−33·483	+ 2·860	− 5	…	…
*	31·708	−44·891	1·00	43.7700	9·6
…	31·572	−35·184	− 5	…	…
*	31·563	−15·609	1·00	43.7701	9·6
…	31·546	−20·899	− 4	…	…
…	−31·494	−21·165	− 5	…	…
…	31·302	−56·708	− 4	…	…
*	30·984	−25·728	1·00	43.7702	9·6
*	30·666	−14·760	1·00	43.7703	9·6
…	30·525	−36·411	− 5	…	…
151					
…	−30·509	− 3·023	− 3	…	…
…	30·448	−55·986	− 5	…	…
…	30·289	+59·803	− 3	41.7646	10·0
…	30·131	+ 9·042	− 5	…	…
…	29·950	−26·264	− 5	…	…
…	−29·456	+19·838	− 2	…	…
*	29·426	− 2·014	1·00	42.7524	10·0
…	29·319	−24·525	− 5	…	…
*	29·001	+48·432	1·00	42.7525	9·9
*	28·819	−47·574	1·10	43.7705	9·6
161					
…	−28·783	−15·948	− 5	…	…
…	28·746	−53·628	− 5	…	…
S *	28·576	−46·148	2·80	43.7706	7·6
…	28·563	−21·360	− 5	…	…
…	28·559	−26·864	− 2	…	…
…	−28·414	−43·368	− 3	…	…
…	28·341	−21·420	− 4	…	…
…	28·326	−34·566	− 4	…	…
…	28·179	−34·980	− 5	…	…
*	27·945	−20·323	1·10	43.7707	9·3
171					
…	−27·632	−51·847	− 5	…	…
…	27·292	−43·200	− 4	…	…
…	27·016	+52·334	− 5	…	…
…	27·001	+55·364	− 5	…	…
*	26·512	−51·940	1·20	43.7708	9·0
…	−26·496	−11·752	− 3	…	…
…	26·248	−34·099	− 3	…	…
…	26·244	+40·659	0·90	42.7526	9·8
…	26·188	+51·148	− 3	…	…
…	26·146	+ 1·042	− 1	…	…

181–240

Notes	Co-ordinates x	Co-ordinates y	Diam.	C.P.D. No.	C.P.D. Mag.
181					
…	−26·101	+52·992	− 5	…	…
*	26·076	−33·618	1·00	43.7709	9·4
…	24·912	−16·539	− 5	…	…
…	24·649	−25·308	− 1	…	…
…	24·583	+42·768	− 2	…	…
…	−24·493	−30·126	− 2	…	…
…	24·426	−10·142	− 4	…	…
*	24·221	−10·004	1·05	43.7710	9·4
…	24·132	+50·139	− 5	…	…
*	24·007	+56·145	1·00	42.7528	10·4
191					
…	−23·966	−59·454	− 4	…	…
…	23·949	−12·583	− 5	…	…
S *	23·764	+ 4·122	2·90	42.7527	7·5
…	23·389	−38·131	− 3	…	…
…	23·243	−51·555	− 5	…	…
…	−22·999	−38·551	− 3	…	…
…	22·922	+54·335	0·90	…	…
…	22·870	+51·298	0·75	…	…
…	22·696	−27·599	0·90	43.7711	9·6
*	22·581	+20·657	1·30	42.7529	9·4
201					
…	−22·375	+59·288	− 5	…	…
…	22·353	+34·371	0·90	…	…
…	22·155	− 4·314	− 4	…	…
…	22·130	−53·048	− 4	…	…
…	22·103	−37·965	− 4	…	…
…	−22·079	+44·413	0·90	…	…
…	21·982	−34·064	− 1	…	…
*	21·921	−51·630	1·00	43.7712	9·5
…	21·918	+53·574	− 4	…	…
…	21·867	−22·488	− 5	…	…
211					
…	−21·699	−57·599	− 5	…	…
…	21·595	− 6·572	− 5	A	…
…	21·495	−55·906	− 2	…	…
*	21·451	−14·171	1·00	…	…
…	21·090	+16·451	− 5	…	…
…	−20·926	+50·855	0·65	…	…
…	20·667	−33·083	− 4	…	…
…	20·624	−59·031	− 5	…	…
…	20·620	−11·332	− 5	…	…
…	20·500	−40·625	− 3	…	…
221					
…	−20·482	+ 1·678	− 4	…	…
…	20·281	−16·613	− 5	…	…
†	19·810	+ 0·797	− 3	…	…
…	19·628	− 3·673	− 4	…	…
…	19·497	+ 3·199	− 4	…	…
*	−19·079	+ 4·295	1·00	…	…
…	19·024	−47·676	− 5	…	…
*	18·980	−50·868	1·40	43.7713	9·0
…	18·878	+50·168	− 4	…	…
†	18·873	−19·809	− 5	…	…
231					
…	−18·783	−32·146	− 3	…	…
…	18·773	−19·601	− 4	…	…
…	18·548	−48·494	− 5	…	…
…	18·328	+50·365	− 3	…	…
…	18·305	+23·125	− 5	…	…
…	−18·281	− 3·476	− 5	A	…
*	18·186	−45·335	1·00	…	…
…	17·954	+56·994	− 4	…	…
…	17·941	+16·684	− 5	…	…
…	17·814	−31·376	− 5	…	…

241–300

Notes	Co-ordinates x	Co-ordinates y	Diam.	C.P.D. No.	C.P.D. Mag.
241					
…	−17·746	+28·335	− 4	…	…
…	17·660	+14·362	0·70	…	…
…	17·564	+14·814	− 3	…	…
*	17·431	− 7·963	1·30	43.7714	8·9
…	17·335	−31·412	− 5	…	…
…	−17·043	−42·956	− 5	…	…
…	16·868	+35·910	− 4	…	…
…	16·640	−56·855	− 1	…	…
…	16·452	+20·124	− 4	…	…
…	16·390	−51·182	− 5	…	…
251					
*	−16·265	+51·035	1·20	42.7530	9·6
…	16·131	−28·780	− 4	…	…
…	16·097	+ 0·471	− 1	…	…
…	15·651	+38·762	− 1	…	…
…	15·537	− 8·704	− 5	A	…
…	−15·276	−33·067	− 5	…	…
…	14·959	−33·004	− 2	…	…
…	14·892	− 2·658	− 5	…	…
*	14·627	+43·805	1·00	42.7531	10·4
…	14·573	+39·485	− 1	…	…
261					
…	−14·551	+ 1·847	− 5	…	…
…	14·438	−36·163	1·00	43.7715	9·6
*	14·402	− 6·858	1·00	43.7717	9·6
…	14·283	−51·992	1·30	43.7716	9·0
*	13·885	+55·258	1·00	42.7532	10·4
…	−13·704	−21·811	− 5	…	…
*	13·665	−52·269	1·00	43.7718	9·6
…	13·429	−15·492	− 5	…	…
…	12·754	−16·735	− 5	…	…
S *	12·598	−31·984	2·53	43.7719	8·2
271					
…	−12·018	−11·112	− 4	…	…
…	11·953	−57·272	− 5	…	…
…	11·644	−17·029	− 5	B	…
…	11·392	+ 8·571	− 5	…	…
*	11·082	−25·481	1·40	43.7720	8·8
…	−10·964	−54·373	− 1	…	…
…	10·830	+ 1·615	− 5	…	…
…	10·270	−35·227	− 5	…	…
…	10·155	− 5·393	− 5	…	…
*	10·108	−27·534	1·20	43.7721	9·0
281					
…	−10·099	+48·719	− 4	…	…
…	9·988	+18·786	− 2	…	…
…	9·395	+33·701	− 5	…	…
…	9·358	−48·211	− 5	…	…
…	9·277	+41·379	0·70	…	…
…	− 9·239	+30·783	− 5	…	…
…	9·200	−59·574	− 4	…	…
*	9·151	+59·151	1·20	41.7662	9·6
…	9·054	−33·621	− 5	…	…
…	8·935	+25·891	− 3	…	…
291					
…	− 8·873	+14·498	− 5	…	…
…	8·872	− 4·540	− 5	M	…
…	8·646	− 3·512	− 5	…	…
…	8·311	−17·761	− 4	…	…
…	8·068	+16·869	− 5	…	…
…	− 8·055	−19·037	− 2	…	…
…	7·742	−26·211	− 1	…	…
*	7·517	+24·927	1·00	42.7533	10·4
…	7·256	−21·717	− 4	…	…
…	7·223	−43·124	− 1	…	…

301–360

Notes	Co-ordinates. x.	y.	Diam. −4.	C.P.D. No.	Mag.
301					
..	− 6·[illegible]	+14·688	− 5	..	...
.	6·888	−44·716	− 5	.	...
.	[illegible]	+30·522	− 5	...	...
	6·748	−48·637	− 3	...	...
.	6·491	−48·067	1·10	43·7722	9·4
...	− 6·[illegible]	+29·386	− 5	...	...
.	6·098	+ 1·549	− 5	.	...
	6·067	−36·440	− 1	...	...
	6·047	+45·610	− 5	...	...
..	5·971	−52·129	− 5	...	...
311					
...	− 5·912	+54·476	− 4	...	..
...	5·910	−24·016	− 1	...	..
†	5·607	+49·910	− 4	...	...
...	5·546	−41·074	− 5	...	...
...	5·273	−11·012	− 5	M	...
..	− 4·[illegible]	+45·694	− 5	...	...
*	4·446	−13·949	1·90	43·7723	8·8
...	4·414	+43·231	− 5	..	...
...	4·157	−38·104	− 5	...	...
.	3·894	−51·386	− 4	...	...
321					
*	− 3·[illegible]	− 2·608	1·00	43·7724	9·6
.	3·659	−46·034	− 5	...	...
...	3·595	+47·996	− 2	...	...
S *	3·341	+33·262	1·15	42·7534	9·8
...	3·272	+47·002	− 5	...	...
	− 2·920	+36·678	− 5	...	...
..	2·899	−17·958	− 5	...	...
...	2·575	+19·467	− 3	...	...
†	2·423	−14·911	− 5	...	.
..	2·188	+18·523	− 2	...	...
331					
.	− 2·063	−17·501	− 5		...
...	1·944	−23·143	− 1	..	...
..	1·502	−42·212	− 4	.	...
..	1·095	−49·925	− 5	..	...
	1·050	+19·780	1·05	42·7535	10·0
...	− 0·[illegible]	−38·003	− 1		...
	0·464	+12·995	− 4	.	...
...	0·088	−59·453	− 2	.	...
	− [illegible]	− 3·512	− 4	..	...
	+ 0·030	− 23·433	− 3		...
341					
...	+ 0·294	− 3·279	− 4	M	...
	0·347	+11·947	− 5	″	...
...	0·368	+41·452	− 5	...	...
	0·384	+ 34·853	− 4	...	..
	0·583	−42·733	− 3	..	.
	+ 0·947	+32·744	1·00	42·7536	10·2
...	0·973	−35·568	− 5		...
S *	1·104	−22·322	2·00	43·7725	8·4
.	1·142	+53·618	− 5	...	...
...	1·[illegible]	−34·248	0·70	..	...
351					
	+ 1·175	−15·456	− 5	..	..
	1·434	− 7·849	− 4	.	...
	1·521	−[illegible]	− 5	M	...
...	1·526	+22·913	− 4		...
	1·668	−36·314	− 5	...	..
...	− 1·[illegible]	− 3·[illegible]	0·70	...	...
*	2·008	−11·157	1·00	43·7726	9·4
...	2·054	− 4·174	− 5	M	..
.	2·[illegible]	+53·[illegible]	− 5	...	...
...	2·311	+26·200	− 5	...	..

361–420

Notes	Co-ordinates. x.	y.	Diam. 4	C.P.D. No.	Mag.
361					
...	+ 2·716	−35·266	− 5	.	...
...	2·934	−38·837	− 1	..	...
...	3·362	−48·855	− 4	..	...
...	3·403	− 7·219	− 5	″	...
*	4·168	+55·735	1·30	42·7537	9·4
*	+ 4·226	−43·113	1·00	43·7727	9·5
...	4·420	+12·495	− 4	...	...
*	4·812	+10·711	3·00	42·7538	7·2
...	4·857	−56·869	− 5	...	...
...	5·334	+52·248	0·70	...	...
371					
...	+ 5·438	−51·171	− 3	...	...
...	5·573	−35·212	0·80	...	...
...	5·670	−33·167	− 5	...	...
...	5·875	+23·284	− 5	...	..
...	5·914	+19·808	− 5	...	..
...	+ 5·937	−16·732	0·70	...	...
...	5·949	+55·763	− 5	...	...
..	6·126	+20·730	0·65	...	...
...	6·127	−48·843	− 5	...	..
...	6·264	−55·488	− 4	...	...
381					
...	+ 6·321	−34·435	− 4	...	..
*	6·390	−38·169	1·00	43·7728	9·6
...	6·403	+45·671	0·70	...	...
*	6·436	+53·450	1·45	42·7539	9·2
...	6·556	− 3·518	− 5	...	...
...	+ 6·581	+ 8·969	− 5	...	...
...	6·687	+38·361	− 5	...	...
...	6·759	+46·524	− 4	...	...
*	7·548	− 2·794	1·00	43·7729	9·4
...	7·577	−46·099	− 5	...	...
391					
...	+ 7·597	−11·726	− 3	...	...
...	8·002	−33·585	− 4	...	...
...	8·138	−18·401	− 4	..	...
...	8·351	+34·891	− 4	...	...
...	8·371	−53·127	− 3	...	...
..	+ 8·396	−45·766	− 5	...	...
...	8·944	−10·119	− 4	...	...
..	9·106	+34·891	− 5	...	...
..	9·295	−43·411	− 4	..	..
...	9·315	+27·294	0·70	...	...
401					
..	+ 9·390	+39·202	− 5	...	...
...	9·508	+49·215	− 4	...	...
...	9·537	−10·891	− 5	...	..
...	9·746	+30·653	− 5	...	...
...	9·789	+23·589	− 5	...	...
...	+ 9·840	−13·668	− 4	...	...
*	10·738	+ 9·118	1·10	42·7540	9·8
...	11·113	+17·823	− 3	...	...
*	11·294	−50·112	1·00	43·7730	9·4
...	11·488	−38·958	− 1	..	...
411					
...	+11·562	−52·985	− 5	...	...
*	11·776	−34·892	1·40	43·7731	8·8
...	11·901	+36·630	− 5	..	...
...	12·495	−33·358	− 5	...	.
...	12·548	−48·404	− 1	.	...
...	+12·642	+38·293	− 4	.	...
...	12·923	+49·745	− 5	.	.
..	13·042	+53·495	− 5	.	...
...	13·372	+26·429	− 1	...	..
...	13·771	−24·592	0·70	...	..

421–480

Notes	Co-ordinates. x.	y.	Diam. −4.	C.P.D. No.	Mag.
421					
...	+14·212	+35·252	− 3	...	...
...	14·362	−38·891	− 5	...	...
...	14·387	−39·628	0·65	...	...
...	15·444	− 5·821	− 4	...	...
...	15·739	− 8·783	− 1	...	...
...	+15·801	+30·923	0·75	42·7541	10·4
...	15·910	−50·185	− 4	...	...
...	15·919	+52·425	− 5	...	...
...	15·984	+52·809	− 5	...	...
...	16·144	−50·997	− 2	...	...
431					
...	+16·263	−53·019	− 3	...	...
...	16·336	+47·601	− 5	...	...
...	16·536	−40·143	− 5	...	...
...	16·563	+10·429	− 5	...	...
...	16·582	+36·192	− 5	...	...
...	+16·660	+50·260	− 5	...	...
...	16·845	+43·757	− 2	...	...
...	17·220	+44·863	− 5	...	...
...	17·298	−57·773	− 5	...	...
...	17·479	−33·448	− 4	...	...
441					
*	+17·653	+ 6·972	2·80	42·7542	7·6
...	17·914	+34·272	− 5	...	...
*	18·030	+31·893	1·20	42·7543	9·6
...	18·080	+10·908	− 5	...	...
...	18·102	−25·260	− 3	...	...
...	+18·205	+23·703	− 5	..	..
...	18·218	+35·797	− 4	...	...
...	18·282	+17·035	− 5	...	...
...	18·911	+36·392	− 1	...	...
...	19·033	−24·039	− 3	...	...
451					
...	+19·346	+54·461	0·70	...	...
...	19·708	−25·046	0·65	...	...
*	19·818	+18·307	1·30	42·7544	9·4
...	19·853	− 4·177	− 4	...	...
...	19·971	+38·245	− 4	...	...
...	+20·619	−40·459	− 4	...	...
...	20·993	+ 8·136	− 2	...	...
...	21·022	− 0·[illegible]	0·70	...	...
...	21·160	−42·[illegible]	− 5	...	...
*	21·289	−35·992	1·00	43·7732	9·6
461					
...	+21·330	− 2·056	− 5	...	...
...	21·356	− 8·206	− 3	...	...
...	21·488	+12·884	− 3	...	...
..	21·533	+ 0·265	− 2	.	...
S *	21·547	+48·199	4·60	42·7545	5·7
*	+21·613	+31·332	1·20	42·7546	9·4
...	21·807	−52·596	− 5	...	...
N	22·419	− 1·836	0·70	42·7547	9·8
N *	22·424	− 1·[illegible]	1·00		
...	22·559	−17·239	− 5	...	...
471					
...	+22·716	− 7·036	− 5	...	...
...	22·824	− 3·416	− 5	...	...
*	22·867	+43·524	1·00	...	...
...	23·108	−27·647	− 4	.	...
...	23·195	−47·797	− 5		...
...	+23·200	+23·153	− 5	...	...
...	23·272	+53·619	− 4	...	...
...	23·345	− 5·836	− 5	...	...
...	23·562	− 6·272	− 5	...	.
...	23·573	−59·486	− 5	...	...

485, 486, 44 102. mass.

481 540

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
481					
...	+23·586	+ 4·337	− 5	..	.
	23·594	+17·022	− 5		.
.	23·897	+ 8·063	− 5		...
..	24·305	−28·466	− 5		..
...	24·345	+56·126	− 1	.	...
...	+24·396	+ 37·828	− 5		...
...	24·398	+24·772	− 5	.	...
.	24·448	−28·414	− 5		.
..	24·596	−10·827	− 5	...	...
...	24·669	− 3·019	− 4	...	...
491					
...	+24·751	− 8·039	− 5	...	.
...	24·789	−20·842	− 4	.	...
.	24·830	− 9·647	− 1	...	...
...	24·865	− 3·045	− 3	...	...
...	24·965	+22·649	− 2		...
...	+24·973	+14·239	− 3	...	...
*	25·297	−25·460	1·00	...	.
...	25·357	−15·714	− 5	...	...
...	25·543	+26·628	− 4	...	...
...	25·596	−44·080	− 4	...	...
501					
*	+25·717	− 4·262	1·20	43·7733	9·3
*	25·944	−42·090	1·20	43·7734	9·2
...	25·998	−22·741	− 5	...	...
...	26·066	+31·088	0·75	...	...
...	26·154	+54·428	− 4	..	...
..	+26·316	−40·810	− 1	...	...
*	26·436	+41·094	3·20	42·7548	7·0
*	26·522	−28·221	1·00	43·7735	9·6
..	26·567	−37·188	− 5	...	...
...	26·783	+11·430	− 5	...	...
511					
*	+27·021	+43·485	1·00	...	...
*	27·166	−49·955	1·10	43·7736	9·5
...	27·231	+16·478	− 5	...	...
...	27·292	−29·683	− 1	..	...
...	27·308	−38·541	− 5	...	.
..	+27·314	−10·699	− 5	..	
..	27·537	−26·458	− 5	.	...
...	27·720	+ 0·407	− 5	*h*	..
...	27·758	+30·953	− 5	...	...
†	27·762	+ 5·092	− 4	..	...
521					
...	+27·767	+19·747	− 4	.	..
...	27·804	−23·200	− 4	..	...
..	27·810	+32·704	0·70	..	...
...	27·846	+52·337	− 4	...	...
*	27·853	−23·837	2·80	43·7737	7·6
...	+28·006	+20·183	− 5	...	...
...	28·096	− 5·721	− 5	...	.
...	28·216	−18·776	− 5	...	...
*	28·273	+48·473	4·00	42·7549	6·2
...	28·610	−19·451	− 4	...	...
531					
...	+28·725	− 7·115	− 5	...	...
...	28·842	−51·098	− 5	..	...
*	28·917	+ 6·701	1·00	42·7550	10·3
...	28·969	−49·887	− 1	...	...
...	29·074	−45·777	− 3	...	...
...	+29·266	+41·267	− 1	...	...
...	29·529	−57·201	− 5	..	...
...	29·651	+26·944	− 4	...	...
*	29·886	+41·357	2·00	42·7551	8·6
†	30·078	−36·115	− 2	...	..

541–600

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
541					
*	+30·262	−46·729	1·10	43°7738	9·6
	30·416	−58·721	− 3		...
.	30·968	+54·371	− 4	.	.
...	31·389	− 3·691	− 5	.	
.	31·537	+48·882	− 1	...	...
..	+31·772	−48·037	− 5	...	
	31·847	−10·142	− 5		
..	32·038	−12·439	− 5	.	
..	32·263	−18·001	− 3	.	.
...	32·370	− 2·211	− 4		.
551					
	+32·608	−39·331	− 5	...	...
*	32·670	+12·877	1·00	42.7552	10·4
..	32·736	− 2·668	− 4	...	...
...	33·072	+41·848	0·70	...	...
...	33·285	+29·492	− 5	...	...
*	+33·290	+21·351	1·50	42.7553	8·8
..	33·764	− 0·691	− 5	.	..
...	33·964	+18·237	− 5	...	.
...	34·015	+17·482	− 1	..	...
...	34·180	− 1·898	− 5	...	...
561					
...	+34·196	− 2·443	− 4	...	...
*	34·226	+ 2·688	1·00	42.7554	10·3
..	34·336	−35·839	− 2	...	...
...	34·566	−54·897	− 3	.	.
*	34·672	+29·889	1·00	..	...
..	+35·363	+ 2·816	0·70	...	.
...	35·563	+42·916	0·70	..	...
...	35·662	−54·348	− 4	...	...
...	35·887	−27·078	− 4	...	...
...	35·934	− 4·634	− 3		...
571					
..	+36·329	− 0·941	− 2	..	.
...	36·340	−49·809	− 5	.	...
..	36·415	− 7·845	− 5	..	..
...	36·440	−11·560	− 5	..	.
...	36·531	+ 0·839	0·70	..	...
..	+36·878	+53·440	0·70	...	...
	37·034	+33·645	− 3	..	...
..	37·077	+28·098	− 5	..	...
.	37·088	−21·171	0·75		...
...	37·125	−53·614	− 5	..	...
581					
...	+37·216	− 2·370	0·70	..	...
	37·365	−36·620	− 4	...	.
	37·468	−56·690	− 5	.	
..	37·534	+54·075	0·65	...	
.	37·576	−14·984	− 2	...	
...	+37·813	+36·692	− 5	...	...
S *	37·911	− 9·367	3·02	43.7739	7·3
..	37·915	−35·398	− 4	...	...
..	37·971	−34·003	− 3	.	...
*	38·115	+12·677	1·00		.
591					
...	+38·303	−18·105	− 4	...	...
...	38·420	+58·924	− 4	.	...
..	38·509	−42·239	− 5	..	...
	38·625	+33·211	− 3	..	...
...	39·307	−33·815	− 5	...	...
...	+39·403	+ 4·565	− 1	...	...
..	39·456	+21·256	− 4	...	...
*	39·490	+ 8·962	1·00	42.7555	10·4
*	39·782	+ 2·900	1·05	42.7556	9·4
...	39·908	+46·775	− 3	...	...

601 660

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
601					
	+39·909	+28·208	− 4	°	
...	39·936	− 0·528	0·70		...
.	40·131	− 2·399	− 3		..
	40·528	−47·724	− 5	.	...
..	40·595	−25·521	− 3		.
	+40·693	−55·324	0·90		.
...	41·370	−32·351	− 5	...	...
*	41·377	+46·646	1·10	42.7557	10·3
S *	41·561	+ 5·248	2·10	42.7559	8·1
*	41·647	+34·311	1·10	42.7558	9·8
611					
...	+41·664	+46·427	0·90		
...	41·673	−52·884	0·90		
...	41·784	−28·118	− 5	...	...
.	41·882	+15·491	− 5	...	
	42·060	+21·452	0·70	. .	..
*	+42·077	−46·625	1·00	43.7741	9·5
*	42·124	− 3·240	1·00	43.7740	9·6
	42·207	−45·982	− 5	...	...
	42·320	−30·386	− 5	...	...
*	42·423	+59·715	1·50	41.7770	9·6
621					
...	+42·514	−26·140	− 5	...	...
...	42·606	+54·252	0·70	42.7560	10·4
...	42·850	−45·888	− 5	...	...
...	43·102	+52·659	− 5	.	..
.	43·130	−50·513	− 5		..
...	+43·387	+50·506	− 5	..	..
...	43·702	− 0·769	− 5	...	...
†	43·732	+35·052	− 4		...
.	44·385	+16·269	− 4	. .	.
†	44·919	+46·130	2·00	42.7561	8·8
631					
.	+45·001	+33·234	2·00	42.7562	8·5
*	46·054	+34·683	1·20	42.7563	9·6
.	46·543	−18·256	0·70	...	...
*	46·646	+46·083	1·10	42.7564	9·6
..	46·698	−19·460	− 2	...	...
...	+46·706	−52·652	− 5	...	...
*	46·764	−33·174	1·20	43.7742	9·3
..	47·185	+10·458	− 5	...	...
*	47·507	+11·872	1·00	42.7565	10·4
..	47·895	+30·789	− 5	...	...
641					
...	+47·961	+35·667	− 5	...	...
*	48·173	+55·455	1·20	42.7566	9·4
	48·179	+19·590	− 3	...	...
	48·217	−28·528	− 4	...	...
*	48·244	−31·663	1·20	43.7743	9·3
..	+48·266	−21·159	− 5	...	...
..	48·314	+35·597	0·70	42.7567	10·4
.	48·425	−39·489	− 5	...	...
S *	48·540	−47·580	2·15	43.7745	8·4
...	48·560	+13·307	− 5	...	..
651					
...	+48·578	+23·079	− 3	...	...
*	48·671	−39·619	1·20	43.7744	9·4
...	48·968	+10·941	− 3	...	...
...	49·005	+31·303	− 5		.
...	49·435	−56·998	− 5	...	. .
.	+49·708	−51·871	− 4	...	.
†	50·058	−52·966	− 5		...
...	50·110	− 8·031	− 3		. .
...	50·187	−10·086	− 5	...	.
...	50·251	−25·737	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
661-680					
661					
*	+50·309	− 0·263	1·50	...	.
...	50·555	+31·804	− 2		...
...	50·651	−48·858	− 5	.	...
...	50·863	−40·694	− 4	.	...
...	50·882	−28·578	− 5		...
..	+50·942	− 4·630	− 1		..
...	51·330	−46·236	− 5		
...	51·396	−21·376	− 5		..
	51·398	+ 3·271	− 5	.	.
*	51·577	−42·043	1·15	43.7746	9·5
671					
...	+51·658	+54·105	− 1	42.7568	10·3
*	51·928	+47·453	2·20	42.7569	8·4
*	52·273	+ 2·748	1·10	42.7570	9·8
..	52·385	+ 2·744	− 1		
*	52·957	+21·726	1·25	42.7571	9·4
...	+53·022	−21·559	− 1	...	...
*	53·190	− 4·743	1·10	43.7747	9·3
*	53·385	+33·753	1·20	42.7572	9·2
...	54·457	+13·771	− 5	...	...
...	54·627	−13·398	− 2	..	...
681-700					
681					
*	+54·712	+12·222	2·30	42.7573	7·9
*	54·742	−37·485	1·00	43.7748	9·6
...	54·756	− 8·683	− 5	...	...
...	54·894	− 6·799	− 2	...	...
*	55·233	+52·839	2·10	42.7574	9·0
S *	+55·345	−34·138	1·58	43.7749	8·8
...	55·381	−21·463	− 5	...	...
...	56·077	−13·856	− 4	...	...
†	56·179	−14·744	− 4	...	...
*	56·452	+ 8·990	1·05	42.7575	10·2
691					
...	+56·905	+ 9·082	− 1	...	...
...	57·006	−45·692	− 5	...	..
..	57·175	+39·678	− 5	...	...
...	57·612	−42·496	− 5	..	..
...	57·792	−32·080	− 3	...	..
...	+57·826	−42·450	− 5		...
.	57·839	+ 9·922	0·70	...	...
...	57·839	−19·699	0·65	...	...
...	57·844	−26·548	− 5	.	..
...	57·942	−22·408	− 4	...	...
701-708					
701					
S †	+57·966	+44·895	2·15	42.7576	8·3
...	58·062	+21·850	− 5	...	...
...	58·175	− 7·195	− 5	..	...
...	58·182	− 6·622	− 5	...	...
*	59·247	−36·713	1·15	43.7750	9·3
...	+59·531	+43·439	− 5	...	...
...	59·710	+40·825	− 4	...	...
...	59·727	−37·064	− 5	...	...

1-30					
1					
...	−59·410	− 0·406	− 3	.	..
...	59·361	− 8·166	− 5	...	..
...	59·241	−10·223	− 5	..	...
*	59·218	+47·341	2·00	42.7569	8·4
.	58·723	−25·864	− 5	.	...
...	−58·650	− 4·752	− 4	...	..
...	58·475	−52·014	− 5	..	.
.	58·433	+ 3·164	− 5	.	.
..	58·082	−53·084	− 5		...
...	57·699	−21·468	− 5	.	...
11					
...	−57·653	−40·801	− 5	..	...
	57·615	−48·979	− 5	.	...
*	57·536	+ 2·670	1·00	42.7570	9·8
	57·435	+ 2·663	− 3		
.	57·415	+21·657	1·15	42.7571	9·4
.	−57·350	+33·695	1·10	42.7572	9·2
	57·010	−46·313	− 5	...	...
*	56·897	−42·119	1·00	43.7746	9·5
*	56·391	− 4·796	1·00	43.7747	9·3
*	56·089	+52·819	1·50	42.7574	9·0
21					
	−56·068	−21·607	− 3	...	...
..	55·681	+13·754	− 5	...	...
*	55·386	+12·207	2·00	42.7573	7·9
	54·696	−13·399	− 3	...	...
†	54·033	− 6·806	− 4	...	...
	−53·855	−37·465	0·90	43.7748	9·6
...	53·748	+39·710	− 5	...	...
.	53·726	−21·447	− 4	...	...
*	53·547	+ 9·127	1·20	42.7575	10·2
S *	53·306	−34·119	1·30	43.7749	8·8
31-60					
31					
...	−53·246	−13·811	− 4	...	...
...	53·129	−14·705	− 4	...	...
S †	53·106	+44·946	1·58	42.7576	8·3
...	53·094	+ 9·138	− 3	..	...
...	52·321	+21·925	− 4	..	...
†	−52·171	+10·012	− 3	.	...
...	51·490	+43·543	− 5	..	...
..	51·355	−45·605	− 4	..	...
...	51·345	− 7·110	− 5	..	...
...	51·338	− 6·523	− 5	...	...
41					
..	−51·312	−19·614	− 2	...	...
...	51·243	+40·945	− 3	...	...
.	51·113	−22·301	− 4	..	...
...	51·108	−26·458	− 5	...	...
...	50·986	−31·982	− 3	...	...
...	−50·840	−42·405	− 5	.	...
.	50·618	−42·339	− 5	...	...
†	49·657	+54·309	− 5	...	...
*	49·387	−36·562	1·00	43.7750	9·3
*	49·248	+ 5·757	1·00	42.7577	9·8
51					
...	−48·902	−36·903	− 5	...	...
...	48·878	−12·091	− 5	...	...
...	48·763	+59·797	− 4	41.7784	10·3
..	48·677	+30·504	− 2	...	...
...	48·426	+41·043	− 5	...	...
.	−48·287	− 9·146	− 4	...	...
...	48·226	+47·290	− 5	...	...
..	47·523	− 7·821	− 3	...	...
*	47·457	−38·447	1·10	43.7751	9·0
...	47·364	− 7·860	− 5	...	...
61-90					
61					
...	−47·037	+28·964	− 4	...	...
..	47·033	+59·674	− 4	41.7785	10·4
...	46·583	−18·565	0·90	43.7752	9·6
...	46·351	+37·600	− 5	...	...
†	46·253	−54·732	− 4	...	..
..	−46·029	−56·743	− 5	..	...
...	45·267	+ 2·841	− 5	..	...
...	45·083	−35·149	− 1	...	...
...	45·068	−51·921	− 5	...	...
...	43·986	−54·517	− 5	...	...
71					
...	−43·904	+24·284	− 5	...	...
*	43·864	−51·095	1·00	43.7753	9·2
...	43·035	− 9·234	− 4	...	...
*	43·017	+ 7·467	0·95	42.7578	10·2
...	42·841	+14·620	− 5	...	...
...	−42·594	−42·191	− 5	...	...
..	42·171	−59·621	0·65	43.7754	9·5
...	41·828	−49·278	− 4	...	...
...	41·619	+18·388	− 5	...	...
†	41·589	+35·043	− 5	...	...
81					
*	−41·558	−50·731	1·20	43.7755	9·2
...	41·554	−14·654	− 4	...	...
S *	40·905	+ 8·857	1·45	42.7579	8·1
...	40·863	+10·196	− 4	...	...
*	40·789	+25·458	1·00	42.7580	10·0
...	−40·390	+21·146	− 5	...	...
...	40·182	−51·579	− 5	...	...
...	40·066	−28·421	− 5	...	...
†	39·724	−43·042	1·20	43.7756	8·8
*	39·085	+22·386	1·00	42.7581	10·3

B measured from 1. 122, 215, 358.
E .. .. 70. 159, 293, 431.

91–150

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
91				°	
†	−38′936	−49′711	−4	...	...
*	38·928	−58·010	1·20	43.7758	9·2
...	37·956	+16·241	−5	...	...
*	37·543	−25·496	1·00	43.7759	9·5
...	37·529	−33·720	−3	...	...
...	−37·041	−16·638	−4	..	...
*	36·931	+12·782	1·00	42.7582	10·0
...	36·724	+17·622	−5	...	...
...	36·699	−38·527	−5	...	...
...	36·567	+31·961	−1	..	...
101					
...	−36·307	+25·186	−5	...	...
...	35·805	+46·924	0·70	42.7584	9·8
*	35·685	+30·128	1·00	42.7583	10·0
†	35·350	− 9·815	−4	...	...
...	34·325	−11·495	−5	...	...
S *	−34·274	−51·429	1·20	43.7760	8·8
...	34·114	− 8·746	−5	...	...
...	33·942	+38·872	−5	...	...
...	33·621	−12·154	−5		...
...	33·504	+16·810	−4	.	...
111					
...	−33·332	+10·612	−2	.	...
...	32·983	−40·409	−5		..
...	32·938	+26·997	−5	...	...
...	32·659	− 8·202	−5	...	...
...	32·629	+17·827	−3	...	...
...	−31·903	−15·566	−1	43.7761	9·6
...	30·854	−40·019	−5	...	...
...	30·645	+26·347	−5	...	...
...	30·363	+49·190	−5	...	..
...	30·223	− 9·544	−1	43.7763	9·6
121					
‡	−29·768	+21·543	1·00	42.7585	10·2
*	28·830	+ 6·011	1·00	42.7586	9·4
N *	28·717	−55·916	1·00	43.7764	9·4
...	28·687	−22·337	−5	...	...
...	28·399	−38·743	−3	...	...
...	−26·827	+ 7·886	−5	...	...
...	26·770	+38·822	−1	42.7587	10·3
...	26·393	−55·941	0·70	43.7765	9·6
...	26·334	− 8·548	−5	...	...
...	26·251	+12·825	−1	42.7588	10·4
131					
...	−26·021	−26·655	−5	...	...
...	25·937	−43·080	−3	...	..
*	25·331	−42·331	1·00	43.7767	9·5
*	25·164	−58·299	1·00	43.7766	9·5
*	25·157	−50·156	1·20	43.7768	8·8
...	−24·144	−33·990	−4	...	...
S *	23·918	− 4·167	1·80	43.7769	7·8
...	23·741	−15·477	0·65	43.7770	10·0
...	23·282	+35·132	−5	...	...
...	23·250	−28·752	−5	...	...
141					
...	−23·161	−55·733	−3	43.7771	10·0
...	23·008	−55·656	0·65		
...	22·239	+22·077	0·70	42.7589	10·4
...	21·632	+ 7·774	−4	...	...
...	21·505	+40·558	−5	...	...
...	−21·102	−56·405	−2	43.7772	10·0
...	20·696	−40·443	0·90	43.7773	9·8
...	19·139	+ 6·455	−2	...	...
...	18·964	−29·983	−2	...	...
...	18·824	+35·142	−5	...	...

151–210

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
151				°	
‡	−18′340	+50′042	1·50	42.7590	8·6
.	18·133	−56·633	−3	43.7774	10·0
.	17·953	+32·359	0·90	42.7591	10·2
.	17·798	+52·169	−5	.	.
...	17·674	−23·588	−5		..
...	−16·440	+ 7·215	−5		...
.	15·301	+40·683	−3	.	..
..	15·245	−22·169	−1	...	..
..	14·492	+ 2·034	0·65	42.7592	10·2
..	14·474	− 3·319	−5	...	...
161					
.	−14·437	+29·183	−5	...	...
..	14·221	+16·737	0·75	42.7593	10·0
*	13·981	−39·641	1·00	43.7776	9·9
...	13·937	− 6·526	−1	43.7777	10·0
*	13·757	− 3·113	1·00	43.7778	9·6
..	−13·656	+ 0·034	−5	F	..
...	13·218	−10·395	−5	...	...
...	13·217	−59·612	−5	...	.
...	12·868	+ 4·223	−5	.	...
...	12·632	+12·810	−5	..	.
171					
...	−12·363	−18·359	−5	...	...
...	12·316	−48·854	−1	43.7779	10·0
...	12·264	+ 6·427	−5	...	...
...	12·228	+36·532	−3		...
..	11·526	−54·871	−4	...	...
...	−11·322	−43·880	−5	..	...
...	11·287	− 3·376	−4	...	...
*	9·514	−29·514	1·20	43.7780	9·0
...	9·340	−50·132	−5	...	...
..	9·034	−43·263	−5	...	...
181					
*	− 8·751	−53·400	1·00	43.7781	9·6
...	8·170	−52·416	−4	...	...
†	7·770	−59·684	−5	...	.
...	7·751	+30·390	−5	..	.
...	7·617	+20·682	−5	..	...
...	− 7·326	−49·338	−4	..	..
...	7·272	+33·426	−5	...	...
..	7·215	+52·563	0·75	42.7594	10·2
...	6·907	+11·694	−5	...	...
*	6·653	+57·606	1·20	42.7595	9·4
191					
...	− 6·387	−52·495	−3	43.7782	10·0
...	6·318	+39·580	−4	...	...
...	5·968	− 4·362	−4	...	...
...	5·686	+48·376	−3	...	...
...	5·563	−54·843	−4	43.7783	10·0
...	− 5·233	+17·286	−1	...	...
...	4·945	+ 4·762	−5	...	...
...	4·602	−15·611	−5	...	...
...	4·355	−46·175	0·65	43.7784	10·0
...	4·209	−49·433	0·75	43.7785	9·9
201					
...	− 4·119	+37·564	−4	...	...
*	3·885	−15·084	1·05	43.7786	9·2
...	3·804	−52·538	−5	...	...
...	3·720	−40·597	−3	...	...
*	3·237	−14·343	1·00	43.7788	9·3
...	− 2·470	−26·809	−2	43.7789	10·0
...	2·299	−41·262	−3	...	...
...	1·998	+ 6·091	0·65	...	...
...	1·831	−18·755	0·65	43.7790	9·6
...	1·713	+25·480	−1	...	...

211–270

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
211				°	
..	− 1′705	−18′530	−5	...	...
*	1·579	+36·715	1·20	42.7596	9·2
*	1·561	−24·926	1·10	43.7791	9·1
*	− 0·039	+51·205	1·00	42.7597	9·8
.	+ 0·458	−32·020	−5	...	...
.	+ 0·463	−41·615	0·70	43.7792	9·9
*	0·478	+58·013	1·45	41.7819	9·2
...	0·546	+47·191	−5	...	...
...	0·654	−52·623	−5		..
..	0·730	+22·359	−5	...	...
221					
.	+ 1·021	−42·477	−4	.	...
..	1·270	+13·661	−5	..	..
S *	1·440	+31·158	1·10	42.7598	8·8
...	1·783	−46·664	−3	43.7793	10·0
*	1·940	−39·985	1·00	43.7794	9·6
...	+ 2·029	+12·841	−2	...	...
...	2·187	+53·058	−5	...	..
..	2·428	+ 6·606	−3	...	..
...	2·451	− 7·968	−5	..	.
..	2·723	+10·523	−5	...	...
231					
...	+ 2·861	−50·300	−4	43.7795	10·0
.	2·949	−10·562	−4	...	...
...	3·030	−55·559	−5	...	...
..	3·269	+17·551	−4	...	...
	3·387	−20·736	0·65	43.7796	9·9
	+ 3·443	−24·219	−5	...	...
*	3·796	−51·912	1·00	43.7797	9·6
..	3·961	−51·868	−5	...	...
..	4·182	+ 1·024	−4	...	...
S *	4·207	−47·491	1·08	43.7798	9·0
241					
..	+ 4·297	− 0·917	−3	...	...
...	4·458	− 7·100	−2	...	...
.	4·683	−24·314	−4	...	...
†	5·215	−48·405	−3	43.7800	10·0
..	5·520	−22·131	−5	...	...
...	+ 6·323	−53·020	−5	...	...
...	6·534	−28·041	−5	..	...
...	6·679	+47·967	−5	...	..
†	6·896	−49·789	−5	...	...
...	7·572	+39·587	−4	..	...
251					
..	+ 7·575	− 6·423	−5	...	...
N *	7·761	+53·750	1·05	42.7599	9·4
N *	7·802	+53·708	1·00		
*	8·128	− 7·180	1·05	43.7801	9·3
...	8·332	−14·120	−5	...	...
...	+ 8·437	+ 1·380	−1	42.7600	10·4
...	8·482	−36·660	−5	...	...
...	8·697	−34·886	−3	...	...
...	8·916	−22·127	−3	43.7804	10·0
...	8·916	−25·172	−4	...	...
261					
...	+ 8·945	+24·074	−5	...	...
...	8·946	−54·124	−2	43.7802	10·0
...	8·961	+14·171	−4	...	...
*	9·019	−42·074	1·00	43.7803	9·4
*	9·257	−40·834	1·15	43.7805	9·1
*	+ 9·299	−21·628	1·00	43.7806	9·2
*	9·438	+ 1·650	1·00	42.7601	9·4
...	9·515	−26·311	0·90	43.7807	9·6
†	9·581	+15·048	−4	...	...
...	9·648	−41·301	−3	43.7808	10·0

123. Mass. 44°·102, two stars.

252, 253. 42°·103, mass.

271–330

Notes.	Co-ordinates. x.	y.	Diam. −5.	C.P.D. No.	Mag.
271					
...	+ 9·808	−12·213	0·65	43.7809	9·9
	9·978	− 8·243	− 5	.	...
	10·253	−32·902	− 5	...	...
‡	10·274	+ 9·123	1·1	42.7602	9·2
	10·345	−14·241	0·85	43.7810	9·8
	+11·293	− 7·595	− 5	...	..
..	12·021	−41·710	0·65	43.7811	10·0
	12·743	+57·741	− 3	42.7603	10·4
*	12·752	+55·774	1·00	42.7604	9·8
...	12·884	+ 6·177	− 5	"	...
281					
.	+ 13·188	−52·470	0·70	43.7813	10·0
.	13·67[illegible]	−13·[illegible]53	0·85	43.7814	9·8
‡	13·791	+20·098	− 5	...	...
	13·921	−45·863	− 5	...	...
	14·034	+ 7·891	0·90	42.7605	10·4
*	+14·120	− 8·229	1·00	43.7815	9·6
...	14·245	+50·548	− 5	. .	...
..	14·547	−15·823	− 5	...	...
..	14·638	+24·731	− 5	...	...
*	14·741	+42·108	1·05	42.7606	10·2
291					
...	+15·018	−40·874	− 1	...	.
...	15·037	− 6·006	− 5		..
...	15·491	+ 1·999	− 5	.	..
..	16·130	−57·332	− 5		
.	16·398	−32·388	− 5	...	...
..	+16·553	−31·45[illegible]	0·65	43.7817	9·8
...	17·012	−46·735	− 4	...	...
...	17·059	−28·422	− 5	...	...
...	17·215	+16·475	0·70	42.7607	10·4
...	17·295	−41·287	− 5	. .	...
301					
...	+17·56[illegible]	−36·233	− 5		
..	18·582	+51·571	− 5		.
	19·085	−58·598	− 5	.	.
...	19·223	−53·945	− 5		. .
	19·780	+48·121	− 5		.
	+19·793	−53·740	− 5	...	
‡	20·126	+15·738	− 5	.	
. .	20·348	−16·500	− 4		. .
...	20·608	− 7·572	− 5		.
S *	20·759	+10·386	1·00	42.7608	10·2
311					
...	+20·874	−52·069	− 5	. .	.
	21·24[illegible]	−17·596	− 5	. .	.
...	21·503	−23·935	− 3	.	
*	21·638	−49·583	1·00	43.7819	9·6
..	21·64[illegible]	−13·041	− 3	...	...
.	+21·906	−25·858	1·15	43.7820	9·2
	21·922	−13·357	− 5	.	...
	22·099	−11·936	− 4	...	..
*	22·380	−54·361	1·15	43.7821	9·2
	22·596	−47·831	− 1	43.7822	10·0
321					
...	+22·810	+50·6[illegible]	− 4	...	...
	23·031	−32·107	− 5	...	...
	23·119	+ 4·086	0·65	42.7609	10·3
*	23·535	+36·910	1·00	42.7610	10·4
...	23·764	− [illegible]·671	0·80	43.7823	9·6
	+24·023	+25·45[illegible]	− 3	...	...
...	24·331	+32·366	− 5	.	...
...	24·436	+ 7·354	− 1	42.7611	10·4
..	24·93[illegible]	−56·084	− 4	43.7824	10·0
.	25·080	−43·386	− 4	.	...

331–390

Notes.	Co-ordinates. x.	y.	Diam. −5.	C.P.D. No.	Mag.
331					
	+25·167	−53·437	1·15	43.7825	9·6
†	25·216	−41·838	− 5	...	...
...	25·466	−39·322	− 1	43.7826	9·8
*	25·580	−54·056	1·00	43.7828	9·8
S	25·701	− 9·932	2·25	43.7827	7·4
	+26·202	+34·757	− 5	...	...
*	26·262	−29·214	1·00	43.7829	9·6
	26·393	+18·767	− 5	...	...
	26·720	−32·479	− 5	...	...
.	27·087	−31·761	− 1	43.7830	10·0
341					
...	+27·307	+55·765	− 5	...	...
...	27·319	+ 3·412	− 4	.	. .
...	27·558	+35·166	− 3	...	..
N	27·742	+ 7·517	− 4	..	...
N	27·744	+ 7·465	− 5	.	..
.	+27·844	−36·718	− 5	...	...
	27·901	+17·773	− 4	...	...
...	28·087	+15·958	− 3	..	...
...	28·127	+10·640	− 5	..	...
...	28·471	+ 5·455	− 4	.	...
351					
...	+28·606	+50·167	− 5		..
...	28·797	− 9·516	− 4	..	...
	28·815	− 6·410	− 5	...	...
...	29·216	− 4·399	− 3	43.7831	10·0
..	29·439	−12·156	− 5	...	...
...	+29·576	−27·925	− 2	43.7832	10·0
†	30·111	−31·485	− 4	...	...
.	30·318	+38·404	− 5	...	...
...	30·372	−45·323	0·70	43.7833	9·9
	30·849	− 0·060	− 1	42.7612	10·4
361					
*	+30·880	−23·916	1·10	43.7834	9·3
...	31·268	− 1·769	− 4	...	...
...	31·279	−48·425	− 5	...	...
..	31·430	−18·000	− 5	...	..
*	31·453	−31·985	1·00	43.7835	9·5
..	+31·767	−24·684	− 5	...	...
...	32·004	−14·127	− 5	...	...
...	32·009	−28·409	0·70	43.7836	9·8
..	32·334	−16·120	− 4	...	...
...	32·858	+ 3·341	− 4	...	...
371					
*	+32·991	−20·543	1·00	43.7837	9·6
†	33·039	+45·024	− 5	...	...
	33·133	+ 3·657	− 4	..	.
	33·150	−36·633	− 5	.	...
.	33·284	−28·519	− 4	...	..
	+33·885	−11·499	− 1	...	...
...	34·031	−39·391	− 5	...	...
	34·135	−59·332	− 4	...	.
.	34·469	−37·314	− 5	...	
...	34·572	+35·805	− 5	..	. .
381					
...	+34·643	+34·484	0·90	42.7613	10·4
...	34·744	−10·878	0·65	43.7838	9·9
.	34·857	+ 0·731	− 4	..	...
	35·011	−18·597	− 5		..
...	35·349	−21·785	− 5		.
‡	+35·532	+24·991	0·65	..	...
.	35·613	−19·261	− 4	.	...
	35·672	−50·062	− 5	...	...
	36·221	−55·618	− 5	...	...
.	36·370	+ 5·453	− 5	...	...

391–450

Notes.	Co-ordinates. x.	y.	Diam. −5.	C.P.D. No.	Mag.
391					
...	+36·452	−51·417	− 5	...	...
*	36·572	− 0·105	1·00	42.7614	9·8
.	36·692	−43·107	− 5	...	...
...	36·965	−10·041	0·70	43.7839	9·9
*	37·273	+57·588	1·40	42.7615	9·2
*	+37·428	−27·117	1·00	43.7840	9·6
†	37·655	− 4·898	− 5	...	...
S *	37·985	+43·003	1·65	42.7616	8·4
†	38·570	+34·998	− 3	42.7617	10·4
S *	38·828	−58·201	3·00	43.7841	7·3
401					
*	+39·181	+51·651	1·40	42.7618	9·2
. .	39·763	+24·965	− 5	...	...
...	41·063	+23·341	0·70	42.7619	10·4
...	41·335	−14·533	− 4	...	...
...	41·403	−51·105	− 5	...	...
...	+41·540	+35·306	− 5	...	...
...	41·835	+22·348	0·65	42.7620	10·4
...	42·295	− 0·432	0·70	42.7621	10·4
...	42·361	+ 4·617	− 5	...	...
...	42·624	−23·296	0·65	43.7842	9·9
411					
...	+42·883	+56·996	0·90	42.7622	10·0
...	42·952	−18·502	− 1	43.7843	10·0
	43·206	− 8·101	− 2	...	. .
†	43·248	−24·838	− 4	. .	...
.	43·397	−18·202	− 5		...
...	+43·423	+14·240	0·65	..	...
†	43·905	+ 0·091	− 4	...	...
...	43·937	−24·617	0·65	43.7844	10·0
...	43·952	+19·824	− 5	...	...
*	44·010	+12·038	1·20	42.7623	9·2
421					
...	+44·088	+28·146	− 3	..	...
..	44·122	+34·656	− 3	..	...
...	44·128	+43·748	− 4	...	...
...	44·152	−35·480	− 5	...	...
*	44·317	+33·261	1·00	42.7624	10·2
*	+44·516	+21·284	1·00	42.7625	10·0
...	44·604	+ 9·756	− 3	..	...
...	44·737	+18·413	− 5		. .
...	44·851	−40·744	− 3	. .	...
...	44·884	+53·171	− 5	. .	...
431					
...	+45·678	+18·390	− 1	42.7626	10·4
...	45·715	− 3·904	0·70	43.7845	9·9
..	45·906	−29·463	− 3	43.7846	10·0
*	45·915	+32·017	1·15	42.7627	9·2
...	45·986	−52·267	− 4	43.7848	9·8
.	+46·251	−48·594	− 5	43.7849	10·0
...	46·360	− 5·837	− 1	43.7847	10·0
. .	46·438	+15·744	− 5	...	...
...	46·645	+33·979	− 1	42.7628	10·4
†	46·813	− 9·786	− 5	...	...
441					
...	+47·051	−21·467	− 5	...	...
...	47·548	−35·224	− 1	43.7851	9·8
...	47·741	+39·847	0·75	42.7629	10·2
...	47·952	+19·836	− 4	...	...
..	48·178	+49·589	− 4	42.7630	10·4
...	+48·662	−53·509	− 2	43.7854	9·9
*	48·737	−42·375	1·20	43.7853	9·1
...	48·865	+ 7·681	− 5	...	...
...	48·959	−42·691	− 5	e	...
S *	49·963	−11·105	1·08	43.7855	9·0

344, 345, 42 [illegible]03, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
451-470					
451					
*	+50·425	+47·064	1·40	42·7631	9·0
*	50·619	−16·366	1·10	43.7856	9·3
...	51·873	− 7·688	− 5	..	...
..	52·029	+ 6·023	− 5	...	...
...	52·170	−11·921	− 1	43.7857	9·9
.	+52·703	+ 9·064	0·70	42.7633	10·4
...	52·898	+22·040	− 4	...	...
*	53·041	+31·147	1·20	42.7632	9·2
*	53·204	−34·541	1·30	43.7858	8·9
...	53·373	+19·797	− 1	...	...
461					
...	+54·132	−32·876	0·90	43.7859	9·4
...	54·255	+35·878	− 1	42.7634	10·2
*	54·301	+17·563	1·40	42.7635	8·6
*	54·588	− 1·126	1·20	42.7636	8·8
*	54·718	+ 0·317	1·05	42.7637	9·4
	+54·938	+ 6·141	− 1	...	...
...	54·954	+ 5·678	− 5	...	...
†	55·037	−43·992	− 4	43.7861	9·9
...	55·177	−20·149	− 3	43.7860	10·0
...	55·464	+ 6·015	0·65	...	...
471-482					
471					
...	+55·603	−38·284	− 5	...	...
	56·409	+44·087	− 5	...	...
...	56·532	− 4·326	− 2	43.7862	10·0
*	56·714	−42·358	1·50	43.7863	8·9
.	56·983	−15·473	− 5	...	...
...	+57·262	−40·231	− 3	43.7865	10·0
	57·370	− 4·568	0·90	43.7864	9·6
...	58·182	−25·730	− 1	43.7866	9·9
†	58·372	+ 0·136	− 5	...	...
...	58·446	−23·385	− 3	43.7867	10·0
481					
...	+59·160	+40·901	− 5	...	...
...	59·915	+11·347	− 5	...	...

Notes.	Co-ordinates x.	Co-ordinates y.	Diam.	C.P.D. No.	C.P.D. Mag.

1-30					
1					
‡	−59·719	−42·517	1·90	43.7853	9·1
...	59·552	+ 0·533	− 5	M	...
...	59·492	−42·824	0·70	E	...
*	59·472	−53·658	1·20	43.7854	9·9
S *	59·435	−11·229	2·00	43.7855	9·0
...	−59·074	− 7·211	− 5	...	...
...	59·049	− 9·705	− 5	...	...
...	58·727	+30·616	− 5	M	...
*	58·617	−16·476	1·60	43.7856	9·3
...	58·521	+ 1·813	− 5	M	...
11					
..	−58·237	−10·887	− 5	...	...
...	58·137	−24·128	− 5	M	...
...	57·889	+ 5·940	− 3	..	...
...	57·685	+33·055	− 5	M	...
...	57·630	− 7·769	− 2	...	...
*	−57·618	+31·082	2·20	42.7632	9·2
...	57·564	−28·565	− 3	...	...
...	57·550	− 4·648	− 5	...	...
...	57·498	+21·980	0·90	...	...
*	57·299	+ 9·012	1·30	42.7633	10·4
21					
*	−57·203	−11·988	1·10	43.7857	9·9
*	56·952	+19·758	1·10	...	...
...	56·764	−13·118	− 5	M	...
...	56·623	+14·088	− 4	...	...
*	56·556	+35·846	1·50	42.7634	10·2
..	−56·256	+22·262	− 3	...	...
...	55·991	+21·315	− 5	M	...
*	55·953	+17·552	2·20	42.7635	8·6
...	55·825	+34·352	− 5	M	...
...	55·739	+ 4·606	− 4	...	...
31-60					
31					
...	−55·607	+37·777	− 4	...	...
*	55·494	−34·574	2·20	43.7858	8·9
...	55·430	−30·458	− 5	M	...
...	55·377	−30·344	− 5	M	..
...	55·316	−39·656	− 5	M	...
...	−55·292	−11·776	− 5	...	...
...	55·220	+ 3·824	− 5	M	...
...	55·105	−19·535	− 3	...	...
*	55·101	− 1·122	2·10	42.7636	8·8
...	55·081	+23·566	− 5	M	...
41					
*	−55·029	+ 0·323	1·50	42.7637	9·4
†	55·026	+24·313	− 5	M	..
..	54·979	+ 6·148	1·00	...	...
†	54·969	+ 5·695	− 2	...	...
...	54·768	−15·297	− 4	...	...
...	−54·649	+44·110	0·85	...	...
*	54·622	−32·875	1·60	43.7859	9·4
...	54·561	+28·665	− 3	...	...
..	54·525	−25·163	− 2	...	...
...	54·481	+17·671	− 5	M	...
51					
*	−54·439	+ 6·039	1·10	...	...
...	54·311	− 6·508	− 4	...	...
...	54·179	−47·002	− 4	...	...
*	53·952	−20·112	1·00	43.7860	10·0
...	53·717	+ 0·974	− 5	M	...
...	−53·712	−25·085	− 3	...	...
..	53·693	− 1·811	− 3	...	...
...	53·442	−39·861	− 4	...	...
*	53·375	−43·957	1·10	43.7861	9·9
...	53·336	−44·915	− 5	...	...
61-90					
61					
...	−53·187	−55·112	− 5	...	...
*	53·075	− 4·271	1·00	43.7862	10·0
†	53·018	+10·124	− 5	M	...
...	53·015	−20·369	− 3	...	...
...	52·982	−38·237	0·90	...	...
..	−52·908	+21·104	− 4	...	...
...	52·688	−51·485	− 3	...	...
†	52·444	+45·075	− 3	...	..
...	52·385	+58·712	− 5	M	...
...	52·290	− 7·695	− 5	M	...
71					
...	−52·287	−58·177	− 5	...	...
...	52·273	−15·392	− 3	...	...
...	52·251	+43·851	− 5	M	...
*	52·221	− 4·495	1·20	43.7864	9·6
...	52·201	−17·068	− 4	...	...
...	−52·199	−40·297	− 5	...	...
...	52·148	−29·630	− 4	..	...
†	51·889	+ 0·164	− 1	...	...
...	51·882	−31·383	− 5	M	...
*	51·784	+41·013	1·00	...	...
81					
*	−51·745	−42·270	2·20	43.7863	8·9
...	51·498	−26·199	− 4	...	...
...	51·411	−22·707	− 3	...	...
...	51·380	+14·202	− 3	...	...
...	51·348	+ 0·232	− 1	...	...
...	−51·299	+59·816	− 5	M	...
...	51·291	+41·849	− 4	...	...
*	51·258	−40·122	1·10	43.7865	10·0
...	51·121	−12·718	− 2	...	...
...	51·032	+43·835	− 5	M	...

B measured from 1, 196, 395, 573, 704, 875.
E ,, ,, 105, 300, 487, 647, 791, 958.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1	C.P.D. No.	C.P.D. Mag.
91-150					
91					
*	−50·783	−25·605	1·00	43°7866	9·9
	50·781	+46·613	− 3	...	...
...	50·781	+21·076	− 4	...	...
.	50·775	−12·148	− 5	M	...
...	50·625	−27·420	− 5	...	...
*	−50·589	−23·257	1·00	43·7867	10·0
...	50·587	−24·415	− 5	...	...
...	50·541	−27·528	− 5	...	.
	50·309	+ 9·742	− 5	M	...
...	50·240	+42·187	− 4	...	...
101					
...	[−50·173	+11·493	− 2	...	...
...	50·079	−51·695	− 5	...	.
.	50·065	−29·192	− 5	M	...
...	50·026	−11·704	− 5	M	...
‡	49·900	+13·658	1·20	42.7638	10·4
...	−49·722	+39·413	− 4	...	...
*	49·551	+46·964	1·20	42.7640	10·4
*	49·360	+35·289	1·15	...	..
	49·324	− 7·112	− 3	...	...
.	49·284	+59·102	− 4	...	...
111					
*	[−49·259	+12·949	1·20	42.7639	10·4
	49·204	+12·923	− 5	..	.
..	49·125	+29·427	− 3	...	.
..	49·105	−50·998	− 3	...	...
	49·070	−10·938	− 5	M	..
...	−49·067	+46·789	0·85	...	.
*	48·904	− 3·471	1·30	43.7868	9·6
...	48·889	− 6·338	− 5	M	...
	48·816	−46·452	− 5	...	...
*	48·777	+11·829	1·20	42.7641	10·4
121					
..	−48·742	+28·471	− 5	M	...
*	48·579	+22·567	2·80	42.7642	7·8
	48·272	+33·242	− 3	...	...
*	48·026	+ 3·837	1·00	...	...
*	47·871	− 5·366	1·20	43·7872	9·6
.	−47·782	− 6·145	− 5	M	...
...	47·755	−12·253	− 5	...	...
...	47·750	−16·895	− 3	A	...
*	47·748	− 2·078	1·20	42.7643	10·4
...	47·677	− 7·585	− 5	M	...
131					
S *	−47·619	+ 9·148	2·60	42.7644	7·8
*	47·612	−33·971	1·20	43.7870	10·0
...	47·596	+23·654	− 4	...	...
	47·574	− 9·003	− 3	...	...
...	47·560	−49·178	− 5	...	..
	−47·462	− 1·343	− 3	..	..
*	47·297	−41·912	1·20	43.7871	9·9
.	47·296	−56·753	0·90	43.7869	10·0
†	47·231	+50·039	− 5	M	...
	47·101	−25·700	− 5	M	.
141					
...	−47·008	− 6·091	− 3	...	...
...	46·981	+ 2·572	− 5	M	...
..	46·961	−50·152	0·75	...	..
.	46·897	+54·118	0·70	...	
...	46·849	−54·136	− 5	...	...
.	−46·773	+52·529	− 5	..	.
.	46·659	−42·817	− 5	M	...
*	46·566	−48·840	1·20	43.7873	9·8
.	46·459	− 1·476	− 4	...	..
...	45·740	+13·785	− 5	M	.
151-210					
151					
...	−45·709	−41·927	− 5	°M	...
..	45·648	− 3·801	0·75	...	...
*	45·535	−48·084	1·40	43.7874	9·8
...	45·504	+38·393	− 5	M	..
*	45·477	+26·658	1·15	...	...
...	−45·474	+16·527	− 5	M	...
...	45·323	− 8·293	− 5	M	...
...	45·315	+44·855	− 5	...	...
..	45·282	+36·229	0·75	...	..
‡	45·031	+53·832	1·20	42.7645	10·3
161					
‡	−45·009	+10·276	− 5	M	...
..	44·830	−16·830	− 5	M	...
..	44·333	−52·853	− 4	...	...
...	44·243	−37·005	− 5	...	.
...	44·035	+32·851	− 5	M	...
..	−43·853	−17·182	− 5	M	...
...	43·653	−46·002	− 3	...	...
...	43·648	+ 8·415	− 5	M	...
*	43·632	+14·740	1·05	...	...
*	43·509	−15·624	1·15	43.7875	10·0
171					
*	−43·127	−13·722	2·40	43.7876	8·4
...	42·914	−32·625	− 4	...	..
...	42·909	−21·076	− 2	...	...
†	42·757	−54·715	− 1		...
...	42·621	− 1·332	− 5	...	...
..	−42·195	+46·303	0·90	.	...
...	41·948	−14·143	0·85	..	..
..	41·890	+44·568	− 5	..	...
...	41·869	+43·493	− 5	M	
...	41·832	−20·597	0·80	...	...
181					
...	−41·701	−28·575	− 4		.
..	41·675	+19·862	− 4	..	.
...	41·597	+44·225	0·90		...
...	41·550	− 0·552	0·90	.	...
..	41·525	+48·999	− 4	...	...
*	−41·359	+29·205	1·20	42.7646	10·4
..	41·281	−42·374	− 5	...	...
*	40·913	+16·331	1·40	42.7647	9·8
...	40·937	+18·967	0·65	...	...
...	40·746	−22·108	− 4	...	...
191					
.	−40·712	− 9·671	− 5	...	...
...	40·610	+47·881	− 4	...	...
...	40·539	+29·865	− 4	...	...
*	40·395	−10·972	1·20	43.7877	9·8
...	40·348	+31·911	− 4	A	...
.	−39·925	+37·304	− 5	M	...
*	39·665	− 6·543	1·00	43.7878	10·0
..	39·635	−24·065	− 4	...	...
.	38·752	−18·749	− 5	...	...
...	38·576	+51·763	− 5	M	...
201					
...	−38·353	+36·813	0·70	..	...
...	38·273	+26·141	0·65	...	...
.	38·264	+ 9·218	− 5	M	...
...	38·141	−35·843	0·80	43.7879	10·0
..	38·132	−31·188	0·65	...	...
...	−38·106	−35·593	− 4	...	...
*	38·057	+26·059	2·50	42.7648	8·3
*	38·031	−29·130	1·50	43.7880	9·5
..	38·017	−25·550	− 5	M	...
...	37·966	+17·044	− 4	...	...
211-270					
211					
...	−37·931	+16·003	− 5	°M	...
...	37·808	+ 4·262	− 5	M	...
*	37·780	+13·257	1·00	...	...
...	37·748	−28·707	− 5	M	...
...	37·725	− 7·761	− 5	...	...
...	−37·724	+23·993	− 3	...	...
...	37·586	+16·163	− 5	M	...
*	37·576	+16·476	1·40	42.7649	10·0
...	37·519	+17·643	− 5	M	...
...	37·463	−15·163	− 5	M	...
221					
...	−37·413	+46·239	− 5	M	...
...	37·410	+ 9·398	− 5	M	...
...	37·128	−12·157	− 4	...	...
...	37·118	+45·884	− 4	...	...
..	37·006	+12·610	− 4	M	...
*	−36·986	−12·209	1·00	43.7881	9·8
...	36·821	−31·178	− 2	...	...
...	36·799	− 1·498	− 5	M	...
...	36·795	−59·438	− 4	...	...
...	36·716	−57·035	− 3	...	...
231					
*	−36·533	+25·280	1·10	42.7650	10·4
...	36·508	−21·171	− 4	...	...
.	36·439	−11·495	− 4	...	..
.	36·428	+18·551	− 5	M	...
...	36·421	+48·336	0·70	...	...
	−36·251	−57·704	− 5	...	...
*	36·239	−21·369	1·20	43.7882	9·6
.	36·199	+27·340	− 4	...	...
..	36·196	+51·437	− 4	...	...
*	36·062	+22·184	1·30	42.7651	10·0
241					
‡	−36·004	+55·051	1·50	42.7652	10·2
..	35·862	+23·817	− 5	M	...
..	35·818	−40·633	− 4	..	...
*	35·799	−11·726	1·00	43.7883	10·0
...	35·761	−51·813	0·90	..	...
...	−35·252	+46·970	0·80	...	...
*	35·162	+ 1·656	1·80	42.7653	10·0
...	35·120	−55·498	− 5	...	...
..	35·043	−42·596	− 5	...	...
‡	34·970	+47·751	1·65	42.7654	9·8
251					
†	−34·907	− 8·260	0·70	..	...
...	34·843	+59·026	− 2	...	...
..	34·764	+51·432	− 5	...	...
...	34·723	−26·625	− 5	...	...
*	34·443	−40·795	1·10	43.7884	10·0
..	−34·336	+11·466	0·90	..	...
...	34·309	−48·620	0·65	...	...
*	34·235	−13·485	2·90	43.7885	8·2
*	34·181	+ 5·723	1·20	42.7655	10·4
...	34·131	+43·917	− 5	M	...
261					
...	−34·022	− 2·489	− 5	M	...
*	33·927	+54·425	1·20	42.7656	10·4
...	33·646	−42·550	− 5	...	...
...	33·514	−56·133	− 5	...	...
*	33·507	+24·577	2·00	42.7657	9·0
...	−33·437	+24·732	− 2	...	...
...	33·332	−36·393	− 5	M	...
*	33·212	+31·717	1·00	42.7659	10·3
...	33·123	+ 2·015	− 4	...	...
*	33·032	+42·814	1·00	...	...

271 330

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
271	′	′	″	°	
*	−32·992	+ 7·550	1·50	42·7658	9·8
...	32·816	+27·528	− 5	M	...
...	32·803	−46·714	− 2	...	...
...	32·680	−50·651	− 3	...	...
*	32·455	− 7·441	2·00	43·7886	9·4
...	−32·322	+ 1·928	− 5	M	...
..	32·295	− 3·854	− 4	M	...
...	32·239	−17·472	0·70	...	...
...	32·230	− 4·177	− 4	M	.
...	32·217	−28·431	− 5	...	...
281					
..	−32·215	− 2·434	− 5	M	.
...	32·027	+ 2·259	− 4	...	.
...	31·857	+49·678	− 5	M	..
...	31·832	+46·263	− 2	...	...
...	31·806	−58·771	− 5	...	...
*	−31·557	−23·860	1·00	43·7887	9·9
...	31·350	+43·378	− 3	...	...
...	31·342	−37·545	− 5	...	...
...	31·315	− 0·503	− 5	M	...
...	31·179	+26·972	− 5	M	.
291					
...	−31·122	−41·680	− 5	..	...
...	31·116	− 0·466	− 5	M	...
..	31·007	+32·822	− 3	...	...
..	30·994	−42·861	0·70	43·7888	10·0
...	30·866	− 3·293	− 3	...	...
...	−30·826	− 6·384	− 5	M	...
...	30·608	+18·561	− 5	M	...
S *	30·372	+42·941	1·60	42·7660	9·6
†	30·067	+31·172	− 1	..	...
†	29·895	−12·296	− 3	...	...
301					
†	−29·863	−33·058	− 1	...	...
...	29·513	+22·760	− 5	M	...
...	29·418	−37·869	− 5	...	..
...	29·396	−14·243	− 4	...	..
...	29·394	− 2·917	− 5	M	...
...	−29·237	−33·300	− 5	...	...
...	29·173	− 5·814	0·85	.	...
...	29·059	+23·895	− 4	...	...
...	29·026	− 7·358	− 2	...	...
...	28·958	− 4·191	− 5	M	...
311					
*	−28·909	+43·546	1·05	...	...
...	28·833	−55·231	− 5	...	...
*	28·771	+15·594	1·00	...	...
...	28·752	−17·013	− 5	M	...
...	28·586	+ 3·887	− 3	...	...
...	−28·530	+24·195	− 5	M	...
*	28·498	−38·533	1·20	43·7889	10·0
...	28·261	−31·528	− 5	...	...
*	28·241	+ 5·582	2·70	42·7661	8·2
...	28·119	−18·162	− 5	M	...
321					
...	−28·104	+14·838	− 5	M	...
*	28·039	+ 9·708	2·10	42·7662	8·8
...	27·972	−50·758	0·65	...	...
...	27·949	− 4·526	− 5	M	...
*	27·849	− 8·898	1·40	43·7890	9·6
...	−27·602	− 3·724	− 5	...	...
*	27·600	+58·172	1·80	41·7873	10·0
...	27·566	−27·395	− 3	...	...
...	27·325	+18·800	− 1	...	...
...	27·031	+36·827	− 4	...	...

331 390

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
331	′	′	″	°	
...	−26·982	+24·754	− 5	M	...
...	26·978	−45·876	− 4	...	...
...	26·873	+46·698	− 5	M	...
..	26·635	+26·027	0·65	.	.
†	26·611	+50·011	− 4	.	..
*	−26·499	− 6·278	1·05	...	..
†	26·320	+35·094	0·65	...	...
*	26·188	−23·028	1·10	43·7891	10·0
...	25·918	+12·529	− 1	...	...
*	25·814	−35·734	1·20	43·7892	9·8
341					
..	−25·757	−42·962	− 5	..	...
...	25·755	−15·883	− 5	M	...
..	25·750	+ 4·846	− 3	...	...
...	25·599	+33·678	− 5	M	...
...	25·507	−52·348	0·75	...	...
..	−25·435	−17·712	0·65	...	...
...	25·348	+31·981	− 5	M	...
*	25·200	+13·606	1·20	42·7663	10·4
...	25·174	−10·731	− 5	...	...
†	25·024	−15·636	− 4	...	...
351					
...	−24·951	+28·944	− 1	...	...
...	24·894	− 8·182	1·80	43·7893	9·1
*	24·681	+28·789	1·00	...	...
..	24·578	−57·973	− 4	...	...
*	24·420	+15·362	1·10	...	...
...	−24·218	+16·720	− 5	M	...
...	24·153	+46·307	0·75	...	...
..	24·047	+ 1·551	− 5	M	...
...	23·993	+29·335	− 4	...	...
...	23·613	−49·572	0·90	43·7894	10·1
361					
...	−23·541	+34·783	− 5	M	..
...	23·459	+31·340	− 5	...	..
...	23·305	+15·427	− 4	C	..
...	23·259	− 8·757	− 5	...	...
...	23·251	−45·658	− 2	...	...
...	−23·179	+26·785	− 5	M	...
...	23·101	+41·171	− 4	...	...
†	23·026	+ 0·089	− 5	a	...
...	22·688	−49·814	− 5	M	...
...	22·237	−55·204	− 5	M	...
371					
...	−22·136	−23·696	− 3	...	...
*	22·111	+32·749	2·00	42·7664	9·2
...	22·108	+46·961	− 5	M	...
...	22·031	−39·012	− 4	...	..
..	21·860	+26·365	− 4	B	...
...	−21·818	−22·134	− 5	...	...
...	21·752	− 3·883	− 5	M	...
■	21·553	−28·167	1·00	...	..
...	21·491	+56·226	− 5	...	...
*	21·349	−32·743	1·10	43·7895	10·0
381					
...	−21·285	− 9·480	− 5	M	...
...	21·222	−22·016	− 5	...	...
..	20·967	+35·339	0·70	...	...
...	20·939	+23·250	− 2	...	...
...	20·862	+46·624	− 5	M	...
...	−20·801	+40·632	− 4	...	...
...	20·615	−33·136	− 2	...	...
...	20·453	−55·211	− 5	...	...
...	20·370	+16·580	− 5	M	...
...	20·359	− 4·706	− 5	M	...

391-450

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
391	′	′	″	°	
*	−20·303	+22·990	1·00	...	...
*	20·301	+24·225	1·00	...	...
...	20·255	−26·134	− 5	..	...
...	20·055	−48·374	− 5	...	...
.	19·757	+19·556	− 4	..	..
. .	−19·681	+26·314	0·70	.	...
	19·191	+18·312	− 2	.	...
...	19·032	+33·751	− 4	...	..
..	18·926	−20·724	− 5	M	...
..	18·900	+22·723	− 4	B	...
401					
*	−18·797	+23·806	1·20	42·7665	10·3
...	18·723	+55·708	− 4	...	...
...	18·683	+18·769	− 5	M	...
*	18·647	+ 8·708	1·00	...	...
...	18·558	+20·230	0·65	...	...
*	−18·523	+31·758	1·10		...
...	17·906	− 6·272	− 4	..	...
...	17·800	−53·540	− 5	...	...
...	17·706	+13·590	− 5	M	...
...	17·615	−11·087	0·70	...	...
411					
*	−17·571	+15·730	1·00	...	...
...	17·467	−32·112	− 5	.	...
...	17·428	+52·886	− 4	...	...
*	17·335	−23·728	2·10	43·7896	8·4
...	17·242	− 0·495	− 5	M	...
.	−17·140	+ 6·976	− 4	M	...
*	17·104	+24·101	1·00	...	...
...	17·075	− 7·671	− 5	M	...
...	16·948	+25·362	− 3	B	...
...	16·914	− 3·507	− 4	M	...
421					
...	−16·726	+33·186	− 5	M	...
...	16·620	+18·369	− 2	...	..
..	16·508	+ 0·986	− 5	M	...
..	16·260	+51·114	− 5	M	...
...	16·067	+26·106	0·70	...	..
...	−16·021	+47·914	− 5	M	...
...	16·005	−20·421	− 3	..	...
...	15·796	+53·956	− 4	.	...
.	15·772	+10·553	0·70	...	.
...	15·758	−53·987	0·70	...	...
431					
...	−15·576	+33·762	− 5	M	...
...	15·471	+ 0·262	− 3	a	...
...	15·004	+40·994	− 5	M	...
...	14·978	+38·858	− 5	M	...
..	14·702	−43·920	− 5	M	...
...	−14·612	− 6·877	0·70	...	...
...	14·507	− 8·046	− 5	M	...
...	14·505	+17·830	− 5	M	...
...	14·402	−17·552	− 4	...	...
...	14·085	−21·578	− 5	...	...
441					
...	−14·050	− 1·870	− 5	M	...
...	14·043	−27·008	− 5	M	...
...	14·021	+27·552	− 5	M	...
...	13·854	+25·997	0·90	...	...
*	13·725	−33·753	1·20	43·7897	9·6
...	−13·623	+ 0·826	0·70	...	...
...	13·622	−20·487	− 5	...	...
...	13·575	+ 4·880	− 5	M	...
*	13·523	+ 6·917	1·30	42·7666	10·3
...	13·205	+ 7·625	− 5	M	...

451–510

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
451					
..	−13·179	− 3·867	0·70	...	...
*	13·103	+52·332	1·00	42.7667	10·4
	13·083	+55·751	− 5	..	..
	12·492	− 5·517	− 4	...	..
...	12·396	−58·159	− 4	...	...
.	−12·3[illegible]5	−14·513	− 2	...	...
..	12·300	−45·631	− 5	.	...
.	12·164	+ 1·345	0·70	..	...
.	12·091	+19·033	− 5	M	...
*	12·036	− [illegible]·673	1·10	42.7668	10·4
461					
..	−12·024	−12·887	− 2	...	...
S *	11·901	−21·824	2·60	43.7899	8·2
*	11·865	−47·922	1·05	43.7898	10·0
	11·861	+34·392	− 5	M	...
*	11·840	−16·007	1·00	43.7900	10·0
...	−11·798	−28·485	− 5	M	...
...	11·793	+34·304	− 2	...	...
.	11·755	−49·023	− 5	...	...
..	11·706	+25·377	− 5	M	...
...	11·645	−23·190	0·85	...	...
471					
...	−11·447	−40·226	− 3	...	..
...	11·256	+20·682	− 5	M	...
...	11·177	−49·505	− 4	..	...
	11·069	−32·196	− 4	...	...
	11·059	+47·768	0·75	...	...
.	−11·055	+15·732	− 5	M	...
...	10·912	+47·044	− 3	...	..
	10·895	−10·921	− 4	...	...
.	10·802	−30·792	− 4	...	...
*	10·792	+37·245	1·10	42.7669	10·4
481					
...	−10·772	+ 9·534	− 3	B	...
...	10·721	−34·587	− 5	...	...
..	10·714	−30·882	− 4	...	...
S *	10·707	−58·321	2·33	43.7901	8·7
...	10·518	−54·876	− 5	...	...
...	−10·122	−46·390	− 5	M	...
...	9·641	−25·259	− 1	...	...
*	9·617	−57·197	1·20	43.7902	10·0
.	9·376	−25·019	1·10	43.7903	10·0
..	9·353	− 7·550	− 4	M	...
491					
.	− 9·316	+56·807	− 4	...	..
	9·315	+34·212	− 5	M	..
...	8·745	+31·684	− 5	M	.
	8·719	− [illegible]·222	− 5	...	...
...	8·635	−15·579	− 5	...	
	− 8·539	−15·245	− 3	..	..
	8·460	−51·318	− 5	...	...
	8·405	+30·211	− 5	M	
	8·341	+14·758	− 5	M	..
	8·326	− [illegible]·093	− 3	..	.
501					
...	− 8·264	−44·989	− 5	M	.
	8·171	+59·670	− 5	M	.
	8·013	−56·403	− 3	..	
	7·958	+53·878	− 4	A	
...	7·956	−21·179	− 1	...	..
*	− 7·778	−41·304	1·20	43.7904	10·0
...	7·733	+54·888	− 4	...	...
*	7·579	−25·459	1·10	...	...
*	7·573	+34·287	1·30	42.7670	10·3
...	7·555	−57·402	− 1	43.7905	10·0

511–570

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
511					
*	− 7·529	+18·758	1·05	...	...
...	7·471	−38·737	− 4	...	...
*	7·375	+57·31[illegible]	1·40	42.7671	10·3
...	7·091	+17·663	− 5	M	.
...	7·089	−21·787	0·65	...	...
...	− 6·982	+18·595	− 3	...	...
...	6·736	−13·835	− 5	M	...
..	6·721	+48·845	− 4	...	...
...	6·710	+24·966	− 5	M	...
*	6·694	+ 6·970	1·00	...	...
521					
S *	− 6·626	+20·356	1·18	42.7672	10·3
*	6·194	− 5·001	1·05	43.7906	10·0
*	6·098	+57·999	1·40	42.7673	10·2
...	6·048	+59·885	− 5	M	...
..	6·038	+23·397	0·80	...	...
. .	− 5·587	+12·640	− 5	M	.
...	5·443	+11·663	− 5	M	...
...	5·302	+36·730	− 5	M	...
*	5·254	+53·874	1·60	42.7674	10·3
...	5·245	−47·034	− 2	...	...
531					
...	− 4·948	+44·024	− 5	M	...
†	4·948	−23·304	− 4	...	...
...	4·875	−59·251	0·75	43.7907	10·0
...	4·851	− 1·265	− 5	M *m*	...
...	4·847	+42·127	− 5	M	...
	− 4·818	−34·685	0·80	...	. .
. .	4·687	+29·789	− 5	M	.
...	4·680	+42·585	− 5	M	.
*	4·602	+15·458	1·70	42.7675	9·6
...	4·235	+ 6·511	− 5	M *m*	...
541					
...	− 4·194	+53·275	− 3	...	...
..	3·965	−39·160	− 4	...	...
N *	3·939	− 6·494	1·00	43.7908	10·0
*	3·884	+28·587	1·20	42.7676	10·4
N	3·884	− 6·564	− 2	43.7908	10·0
...	− 3·257	+46·711	− 5	M	...
..	3·195	− 8·575	0·75	...	.
...	2·974	+35·187	− 5	M	...
...	2·955	+54·151	− 4	...	
...	2·782	+36·219	− 5	M	.
551					
...	− 2·533	+29·915	− 4	M	...
*	2·509	+46·122	1·90	42.7677	9·4
...	2·342	−17·138	− 5	M	...
†	2·276	+ 5·091	− 2	...	..
	1·891	−20·893	− 4	...	.
	− 1·832	− 2·800	− 5	M *m*	.
	1·709	+34·525	0·70	...	...
*	1·513	+ 7·893	1·20	42.7678	10·4
...	1·49[illegible]	+58·112	− 5	..	..
...	1·097	+35·567	− 5	M	.
561					
...	− 0·976	+ 8·679	− 4	M	...
..	0·760	+37·378	− 4	M	.
..	0·750	+53·266	− 5	M	...
...	0·546	+50·250	− 3	M	..
.	0·430	+20·008	− 4	M	...
.	− 0·420	−36·004	− 1	43.7911	10·0
.	0·331	+25·791	− 5	M	...
.	0·317	− 3·784	− 5	M *m*	...
*	0·298	+26·495	1·20	42.7679	10·3
.	0·248	+29·555	− 3	M	...

571–630

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
571					
*	− 0·218	−15·877	1·20	43.7910	9·8
†	− 0·115	− 6·443	7·00	43.7912	5·0
..	+ 0·011	+10·833	− 4	M	...
.	0·166	−34·599	− 5	M *m*	...
*	0·651	−58·856	1·00	43.7913	10·0
...	+ 0·754	− 7·413	− 5	M	..
...	0·839	−48·572	− 5	...	..
...	0·845	+16·087	− 3	...	...
.	0·863	+59·548	− 2	...	...
*	0·874	+29·654	1·00	42.7680	10·4
581					
...	+ 0·875	− 0·994	− 5	M *m*	...
	1·047	+47·745	− 5	M	...
...	1·190	−35·870	0·90	43.7914	10·0
...	1·213	+39·476	− 5	M	...
*	1·238	−22·064	2·25	43.7915	8·6
...	+ 1·314	−57·606	0·90	...	...
...	1·413	+28·352	− 5	M	..
...	1·689	−23·250	− 2	...	...
...	1·709	+ 8·073	− 5	M *m*	..
*	1·710	+26·615	1·80	42.7681	9·4
591					
...	+ 1·828	−26·264	− 3	...	...
...	1·852	+41·657	− 2	...	...
..	1·944	−39·525	− 3	...	...
a m *	2·002	+ 0·622	2·30	42.7682	8·2
...	2·020	−28·243	− 5	...	...
...	+ 2·142	−22·373	− 5	M *m*	...
...	2·180	+51·963	0·90	...	.
.	2·421	+33·225	0·70	...	.
...	2·458	−25·708	− 3	...	...
*	2·535	+51·502	1·20	42.7683	10·4
601					
...	+ 2·781	−55·876	− 4	...	
.	2·806	− 6·233	− 5	M	.
...	2·870	− 7·419	− 5	M *m*	.
...	2·974	−36·467	− 3	...	
...	2·985	− 8·409	− 3	...	...
...	+ 3·048	+12·551	− 4	M	...
...	3·071	−44·443	− 5	M *m*	...
...	3·473	−15·578	− 4	...	.
..	3·479	−25·796	− 5	M	.
...	3·574	−30·450	− 5	..	..
611					
...	+ 3·629	+35·[illegible]34	− 4	M	.
	3·882	+55·861	− 3	...	. .
...	4·111	−22·190	− 5	...	..
*	4·257	−17·978	1·90	43.7916	9·0
..	5·071	+39·804	0·65	...	...
.	+ 5·361	+24·209	− 5	...	.
...	5·409	− 8·850	− 5	*m*	...
.	5·805	−10·681	− 3	...	...
*	6·118	−38·013	1·65	43.7918	9·2
...	6·271	+49·285	− 4	...	..
621					
..	+ 6·492	+30·194	− 2	..	...
...	6·681	+36·840	− 5	..	...
. .	6·885	+32·210	− 3	...	...
	7·289	−29·340	0·90	43.7919	10·0
...	7·349	+29·201	0·65	...	...
*	+ 7·374	+41·706	1·20	42.7684	10·4
*	7·446	+40·596	1·15	42.7685	10·4
..	7·503	−12·716	− 3	...	...
..	7·679	+57·590	− 5	...	...
..	7·974	+39·212	0·70	...	...

543, 545, 44 Π 103, two stars; 44 Π 104, mass. C.P.D., probably mass.

631–690

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
631					
..	+ 8·060	+25·437	− 4	...	...
...	8·120	+24·485	− 1	...	..
...	8·174	+51·095	− 5	...	...
...	8·213	−45·208	− 5	...	..
...	8·227	−21·111	− 3	.	..
*	+ 8·416	−35·437	1·00	...	...
...	8·504	+47·132	− 4	...	...
*	8·546	+23·529	1·1	42.7686	10·4
‡	8·573	−59·617	1·40	43.7920	9·6
*	8·628	−32·196	1·05	43.7921	9·8
641					
...	+ 8·976	+30·209	− 5	...	...
...	9·192	+59·216	− 5	..	...
...	9·213	+42·578	− 3	..	...
...	9·620	−45·031	− 5	..	..
...	9·665	+48·560	− 4	...	...
S ‡	+ 9·807	+29·291	2·40	42.7687	7·9
...	9·999	+35·474	− 2	...	...
...	10·051	+12·790	− 5	...	...
...	10·282	+15·748	− 5	...	...
...	11·001	+40·398	− 3	...	...
651					
...	+11·069	+ 5·875	− 5	...	...
...	11·183	+48·890	− 2	...	..
...	11·481	+ 1·868	− 4	...	...
...	11·539	+11·412	− 5	...	...
*	11·814	+19·946	1·40	42.7688	9·6
*	+11·830	−58·735	1·10	43.7922	10·0
*	11·855	+ 8·249	1·00	...	...
...	12·047	−23·798	− 3	...	...
...	12·721	+32·064	− 4	...	...
*	12·823	−53·237	1·40	43.7924	9·6
661					
*	+12·860	−18·935	1·80	43.7923	9·2
...	12·976	− 1·465	− 4	...	...
...	12·989	−47·015	− 4	...	...
...	13·030	−15·526	− 5	...	...
...	13·046	−28·135	− 5	...	...
...	+13·194	−17·794	− 1	...	...
*	13·255	−35·239	1·00	43.7925	10·0
...	13·535	−42·038	− 5	*m*	...
...	13·658	−54·878	− 5	*m*	...
...	13·717	+30·868	− 4	...	...
671					
...	+13·853	−19·464	0·65	...	...
...	13·885	−37·467	− 5	*m*	...
...	14·046	+16·387	− 5	...	..
...	14·258	−16·836	− 5	...	...
*	14·343	−42·609	1·70	43.7926	9·2
...	+14·438	− 3·907	− 5	*m*	...
*	14·465	+10·341	1·20	42.7689	10·2
*	14·595	+24·211	1·05	...	...
†	14·874	+59·923	0·65	...	...
...	15·164	+48·791	− 5	...	...
681					
...	+15·272	−27·511	− 5	...	...
*	15·429	−42·514	1·40	43.7927	9·4
†	15·524	+59·932	− 3	...	...
...	15·571	−58·409	− 5	...	...
...	15·647	−52·755	− 3	...	...
...	+15·685	+54·066	0·80	...	...
*	15·866	+28·185	1·15	42.7690	10·4
...	15·922	−53·728	− 1	...	...
...	16·025	+39·898	− 1	...	...
...	16·061	−58·260	− 5	*m*	...

691–750

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
691					
...	+16·352	−25·081	− 5	...	...
...	17·184	−16·658	− 1	...	...
...	17·291	−58·111	− 5	*m*	...
...	17·404	−11·738	− 3	...	...
.	17·43[illegible]	+ 0·902	− 1	...	..
...	+17·743	+40·895	0·80	...	...
...	18·06[illegible]	−54·963	0·90	43.7928	10·0
.	18·249	−52·855	− 5	*m*	...
...	18·647	+38·613	− 2	..	...
...	18·925	−55·608	0·85	...	...
701					
...	+18·982	−26·151	− 5	*m*	..
...	19·317	−50·326	− 5	*m*	..
†	19·561	−34·640	− 5	*m*	...
...	19·976	+42·461	0·90	...	...
...	20·218	+55·166	− 3	...	...
*	+20·096	− 4·3[illegible]	1·05	43.7929	10·0
...	20·144	−55·[illegible]45	− 3	...	...
...	20·312	−21·439	− 3	...	...
...	20·611	+11·643	− 5	...	...
...	20·917	−19·4[illegible]4	− 2	...	...
711					
*	+20·924	+27·122	1·20	42.7691	10·4
...	20·978	−50·124	− 4	...	...
...	21·101	− 2·714	− 5	*m*	...
...	21·136	+ 0·135	− 5	*a*	...
...	21·151	+48·406	− 5	...	...
...	+21·184	−44·155	− 5	*m*	...
...	21·203	+56·520	− 5	...	...
...	21·211	−14·481	− 5	*m*	...
...	21·485	−37·689	0·65	...	..
...	21·515	+ 4·791	− 5	...	...
721					
*	+21·875	+25·644	1·20	42.7692	10·3
...	21·909	+13·879	− 4	...	...
...	22·128	+49·828	− 5	..	..
...	22·248	−54·200	− 5	*m*	...
...	22·390	−53·010	− 4	...	...
...	+22·435	−10·254	− 3	..	...
...	22·453	+44·471	− 5	..	...
...	22·560	+ 7·965	− 5	...	...
*	22·645	+34·874	1·00	...	...
...	22·657	+36·474	− 4	...	...
731					
...	+22·706	+18·258	− 3	...	...
...	22·840	+56·692	− 5	...	...
...	22·924	+34·562	− 5	...	...
...	22·944	+41·514	− 5	...	...
...	23·074	− 6·247	− 5	*m*	...
...	+23·238	+32·850	− 5	...	...
...	23·289	−14·438	− 5	*m*	...
...	23·504	+15·686	0·70	...	...
...	23·746	+25·829	− 5	...	...
...	23·835	− 0·871	− 4	...	...
741					
...	+23·846	+52·938	− 3	...	...
...	23·873	+24·031	− 5	...	...
...	24·038	− 4·505	− 5	*m*	...
...	24·261	−59·023	− 4	...	...
S *	24·273	−31·160	2·15	43.7930	8·5
...	+24·309	−58·464	− 5	...	...
*	24·391	−25·865	1·30	43.7931	9·5
...	24·432	+46·213	− 5	...	...
*	24·602	−22·196	1·25	43.7932	9·6
†	24·769	+ 1·081	0·80	...	...

751–810

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
751					
...	+24·998	−25·949	− 3	...	...
...	25·027	−21·003	− 1	...	...
...	25·272	+51·998	− 4	...	...
...	25·464	+29·479	− 5	...	...
...	25·529	+40·704	− 5	...	...
...	+25·5[illegible]	− 0·853	0·90	...	...
...	25·599	+ 4·605	0·70	...	...
...	25·791	−21·432	− 3	...	...
...	25·795	+38·118	− 5	...	...
*	25·938	− 4·147	1·05	43.7933	9·9
761					
...	+26·011	+32·134	− 5	...	...
...	26·206	+28·201	− 4	...	...
*	26·299	+49·271	1·00	...	...
...	26·319	+11·699	− 5	...	...
...	26·897	−51·54[illegible]	0·90	...	...
...	+27·013	−38·264	− 3	...	..
*	27·068	−16·054	1·00	43.7934	10·0
...	27·12[illegible]	−15·367	0·70	...	...
*	27·140	−38·471	1·00	43.7935	10·0
...	27·241	+28·847	0·90	...	...
771					
...	+27·31[illegible]	+42·017	− 4	..	...
...	27·868	−21·123	− 4	...	..
...	28·055	−26·348	− 5	...	...
...	28·055	−39·879	− 5	...	...
...	28·144	−35·916	− 5	*m*	...
*	+28·174	− 8·941	1·00	...	...
...	28·206	+11·906	− 5	...	...
...	28·234	−32·411	− 2	...	...
‡	28·392	+40·024	1·20	42.7693	9·8
...	28·413	−54·287	− 5	*m*	...
781					
*	+28·518	+19·571	1·05	...	...
†	28·671	−49·714	− 4	...	...
...	28·878	−17·574	− 4	...	...
...	28·984	−23·046	− 5	*m*	...
...	29·218	−39·282	− 5	*m*	...
*	+29·224	+51·556	2·00	42.7694	9·6
...	29·420	− 5·689	0·75	...	...
...	29·421	+41·982	− 5	...	...
...	29·577	+16·662	− 5	...	...
†	29·908	−52·827	− 3	...	...
791					
*	+30·385	+ 4·439	1·15	...	...
...	30·424	+46·249	− 2	...	...
...	30·457	−28·366	− 5	...	...
...	30·582	+12·698	− 5	...	...
*	30·601	+24·824	1·00	...	...
...	+30·634	+13·477	− 5	...	...
*	30·732	+20·631	1·00	42.7695	10·4
...	30·788	+42·968	− 5	...	...
...	30·813	−45·529	− 5	...	...
...	30·989	−21·326	− 5	...	...
801					
a ‡	+31·056	+ 0·165	1·00	42.7696	10·0
..	31·542	−34·919	− 5	...	...
...	31·582	−25·082	0·90	...	...
...	31·804	+30·325	− 5	...	...
...	32·111	−19·447	− 5	...	...
...	+32·469	+ 5·652	− 4	...	...
...	32·503	+ 2·551	− 4	...	...
*	32·506	−44·005	1·00	43.7937	10·0
...	32·510	+17·926	− 5	...	...
...	32·539	−43·793	0·70	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
811–870					
811					
...	+32·558	− 6·840	− 5	...	...
..	32·920	+ 5·915	0·80	...	...
...	32·934	+15·065	− 4	...	...
...	33·066	−36·277	− 5	*m*	...
...	33·098	+41·069	0·75	...	...
...	+33·218	+ 9·780	0·65	...	...
...	33·459	−29·987	0·65	...	...
*	33·689	+31·518	1·10	...	...
*	33·707	−39·962	1·20	43·7938	9·9
...	34·214	+13·365	− 4	...	...
821					
...	+34·373	− 3·299	− 5	*m*	...
...	34·608	+ 0·685	− 4	...	...
...	34·654	−38·209	− 5	...	...
†	34·739	+30·430	0·65	...	...
†	34·761	+ 7·190	− 5	...	...
†	+34·827	−20·193	− 1	...	...
...	34·995	−17·088	− 5	*m*	...
...	35·240	+ 6·252	− 5	*m*	...
...	35·298	+28·871	− 4	...	...
...	35·398	+21·209	− 5	*m*	...
831					
*	+35·399	+38·707	2·00	42.7697	9·8
...	35·771	−37·715	− 5	*m*	...
...	35·809	−34·110	0·90	..	...
...	35·924	+56·074	− 4	...	...
...	35·983	+55·950	− 5	...	...
...	+36·165	+ 7·909	0·75	...	...
...	36·166	−16·665	− 5	*m*	...
*	36·381	+37·859	2·60	42.7698	8·5
...	36·615	+59·181	0·80	...	...
*	36·936	+30·920	1·15	...	...
841					
...	+36·952	−42·218	0·65	...	...
...	37·142	+ 6·440	− 5	...	...
‡	37·239	+20·142	2·50	42.7699	8·5
...	37·383	+43·559	− 3	...	...
...	37·418	+22·120	− 4	...	...
...	+37·542	−17·932	− 5	*m*	...
*	37·556	− 9·604	1·40	43·7940	9·4
...	37·601	+30·381	− 4	...	...
...	37·679	+24·479	− 5	..	...
...	37·695	+32·110	− 4	...	...
851					
...	+37·799	+ 9·010	− 5	...	...
...	37·860	−30·689	− 3	...	...
...	37·862	+27·702	− 4	...	...
...	37·864	+11·506	− 3	...	..
...	37·935	+36·334	− 5	...	...
..	+37·944	+49·962	− 4	...	...
...	37·962	−33·453	− 4	...	...
...	37·965	+39·914	− 5	...	...
...	38·013	− 3·054	− 5	*m*	...
*	38·062	− 3·523	1·00	...	...
861					
...	+38·125	+13·164	− 3	...	...
...	38·240	−58·870	− 5	...	...
...	38·596	−54·291	− 5	*m*	...
...	38·818	+17·340	− 5	...	...
..	39·005	− 0·340	− 5	*m*	...
*	+39·035	+17·286	1·20	42.7700	10·4
..	39·229	+28·363	− 5	...	...
*	39·364	− 8·944	1·00	43·7941	10·0
...	39·659	−12·630	− 1	...	...
...	39·69	+ 1·230	− 5	...	...
871–930					
871					
†	+39·704	+30·390	− 5	...	...
...	39·705	−23·712	− 4	...	...
...	39·726	−14·311	− 5	*m*	...
...	39·745	−30·636	− 3	...	...
†	39·767	+59·856	0·70	...	...
...	+39·876	+38·472	− 5	...	...
*	39·976	+21·970	1·30	42.7701	9·8
...	40·019	− 3·615	− 4	...	...
*	40·092	−50·694	1·65	43·7942	9·3
...	40·189	+16·493	− 4	...	...
881					
...	+40·299	−21·775	− 2	...	...
†	40·763	− 9·681	− 3	...	...
...	40·792	+46·510	− 1	...	...
...	40·878	+ 9·471	− 5	...	...
...	41·123	+18·334	− 4	...	...
...	+41·373	−44·151	− 5	*m*	...
...	41·566	− 1·482	− 4	...	...
*	41·695	−20·316	1·80	43.7943	9·2
...	41·926	+42·377	− 5	...	...
...	42·233	+ 5·135	− 5	...	...
891					
...	+42·353	+12·541	− 5	*m*	...
...	42·431	− 7·957	0·70	...	...
...	42·438	− 1·834	− 2	...	...
*	42·459	−46·075	1·10	43.7944	9·8
...	42·523	+30·845	− 5	...	...
...	+42·748	− 4·252	− 5	*m*	...
...	42·761	+ 0·342	− 5	...	...
*	42·851	−29·353	1·10	43.7945	9·6
...	42·859	+19·314	− 5	...	...
*	42·973	+30·949	1·00	...	...
901					
...	+43·014	+22·422	− 5	...	...
S *	43·024	+36·709	1·85	42.7702	9·6
*	43·331	−58·692	1·60	43.7946	9·3
...	43·580	+25·481	− 5	...	...
...	43·600	+ 0·475	0·70	...	...
...	+43·643	−11·702	0·75	...	...
...	43·863	+33·167	− 5	...	...
...	43·902	+ 1·171	0·70	...	...
...	‡ 43·996	+35·176	2·00	42.7703	9·4
...	44·136	+15·980	0·70	...	...
911					
*	+44·517	+19·017	2·80	42.7704	8·4
...	44·595	+35·340	− 5	...	...
...	44·680	−37·830	− 5	*m*	...
...	44·891	− 3·244	0·70	...	...
*	45·073	−52·004	1·50	43.7947	9·6
†	+45·301	−44·523	− 2	...	...
*	45·404	−35·553	1·00	...	...
...	45·449	+ 0·092	− 5	...	...
...	45·573	−20·455	− 2	...	...
...	45·619	+47·501	− 4	...	...
921					
...	+45·768	−18·155	0·90	...	...
*	45·867	+ 9·804	1·00	...	...
*	46·019	+31·051	1·10	...	...
*	46·046	+25·486	1·20	42.7705	9·7
...	46·058	+ 6·162	− 5	...	...
*	+46·402	+ 9·565	1·40	42.7708	9·5
...	46·418	+16·913	− 5	...	...
*	46·427	+36·354	1·40	42.7706	9·7
S *	46·524	+46·201	3·55	42.7707	7·3
...	46·604	+44·537	− 5	...	...
931–990					
931					
...	+46·638	+59·167	− 3	...	...
...	46·730	− 5·959	− 5	*m*	...
...	46·965	+19·060	− 5	...	...
*	47·012	+44·791	1·25	42.7709	9·7
...	47·044	−13·810	− 5	...	...
...	+47·112	−20·907	− 5	*m*	...
...	47·200	+31·390	− 5	...	..
...	47·263	−24·085	− 5	*m*	...
...	47·461	−16·232	− 5	...	...
n	47·604	−47·311	0·65	43.7948	10·0
941					
...	+47·621	−41·039	− 5	*m*	...
*	47·653	+26·438	2·70	42.7710	8·2
...	47·656	+ 7·341	− 5	...	...
...	47·731	+21·749	− 5	...	...
n	47·768	−47·093	0·90	43.7948	10·0
...	+47·782	−37·032	0·90	...	...
...	47·936	+34·916	− 5	...	...
...	48·139	+12·847	− 5	...	...
...	48·352	−13·644	0·90	...	...
.	48·476	−55·973	− 5	*m*	...
951					
...	+48·527	−31·173	− 5	*m*	...
...	48·552	+ 7·021	− 5	...	...
...	48·727	−10·260	− 5	...	...
...	49·203	− 2·699	0·70	...	...
...	49·309	−34·258	− 3	...	...
...	+49·379	+41·209	− 5	...	...
...	49·587	−30·898	− 3	...	...
...	49·848	+21·384	− 5	...	...
...	49·905	+16·589	− 5	...	...
...	50·034	+33·838	0·90	...	...
961					
...	+50·171	−12·025	− 5	*m*	...
...	50·357	−24·025	− 5	*m*	...
*	50·557	−16·691	1·20	43.7950	9·5
...	50·647	−40·655	− 4	...	...
...	50·831	+24·243	− 5	...	...
...	+50·961	+21·438	− 5	...	...
*	50·985	+19·656	1·20	...	...
...	51·071	+48·018	− 3	...	...
*	51·104	+44·573	1·20	...	...
...	51·287	−27·230	− 5	...	...
971					
*	+51·302	− 6·637	1·00	...	...
...	51·450	−58·303	0·90	43.7951	10·0
...	51·942	+13·842	0·70	...	...
...	52·078	−32·056	− 1	...	...
...	52·345	+31·019	− 5	...	...
*	+52·473	+25·877	1·10	...	...
...	52·714	−21·763	− 2	...	...
...	52·842	−40·092	0·90	...	...
†	52·899	+20·177	− 2	...	...
...	53·076	− 2·813	0·80	...	...
981					
*	+53·229	−14·246	1·20	43.7952	10·0
*	53·358	−28·447	1·10	43.7953	9·8
...	53·772	+31·950	0·75	...	..
...	53·993	+41·829	− 5	...	...
...	53·999	−11·613	− 5	...	...
...	+54·068	+23·725	− 5	...	...
*	54·415	−15·424	1·00	...	...
...	54·449	− 4·989	− 5	...	...
...	54·552	−17·787	− 5	...	...
...	54·561	+32·807	0·85	...	...

940, 945. C.P.D., suspected double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
991 1010					
991				°	
...	+54·941	+11·320	− 4	...	...
...	54·994	−48·355	0·80	43·7955	10·0
...	55·066	−59·458	− 4	...	...
...	55·084	−10·001	− 5	...	...
...	55·094	+43·743	0·65	...	...
*	+55·402	−15·986	1·05	43·7954	10·0
†	56·685	+ 0·353	− 3	...	...
*	56·822	−22·275	1·20	43·7956	9·6
S *	56·898	−47·446	2·05	43·7957	9·1
...	57·336	−23·647	− 2	...	...
1001					
...	+57·486	− 9·210	− 5	...	...
...	57·676	−31·151	− 2	...	...
...	57·685	+37·393	− 4	...	...
...	57·758	−12·510	− 5	...	...
...	57·980	+15·710	0·85	...	...
...	+58·066	− 3·686	− 5	*m*	...
...	58·170	+19·291	− 5	...	...
...	58·177	−55·012	− 2	43·7958	10·0
...	58·416	−22·324	− 2	...	...
...	58·506	−27·374	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1011 1023					
1011				°	
*	+58·626	−18·087	2·00	43·7959	9·0
*	58·781	+26·556	1·90	42.7712	9·5
†	58·841	−39·578	− 5	...	...
*	58·846	+46·078	3·00	42.7711	8·4
...	58·910	−27·784	− 2	...	...
...	+58·959	+21·818	− 5	...	...
...	59·152	+28·904	0·90	...	...
...	59·174	−39·723	− 5	...	...
...	59·176	+24·907	− 5	...	...
*	59·199	−30·263	1·10	43·7960	10·0
1021					
...	+59·287	+53·849	− 2	...	...
*	59·672	−49·138	2·20	43·7962	8·9
‡	59·754	−31·652	1·40	43·7961	9·3

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

1–30					
1				°	
...	−59·337	+19·543	− 3	...	...
...	58·693	−16·821	0·65	43·7950	9·5
...	58·243	− 6·737	− 4	...	...
...	58·207	+13·750	− 5	...	...
...	58·032	+25·797	− 4	...	...
...	−56·576	− 2·864	− 5	...	...
...	56·535	−58·372	− 5	43·7951	10·0
...	56·152	+32·797	− 5	...	...
...	56·095	−14·290	− 3	43·7952	10·0
...	55·918	+43·728	− 5	...	...
11					
...	−55·711	−40·150	− 5	...	...
...	55·554	−28·478	− 3	43·7953	9·8
...	53·848	−15·964	− 4	43·7954	10·0
...	53·303	−48·342	− 5	43·7955	10·0
*	52·268	+46·182	2·10	42.7711	8·4
*	−52·239	−22·207	0·90	43·7956	9·6
...	52·216	+15·799	− 5	...	...
...	52·062	+53·955	− 5	...	...
*	51·752	+26·662	1·00	42.7712	9·5
...	51·440	+29·020	− 4	...	...
21					
S *	−51·420	−47·371	1·10	43·7957	9·1
*	50·565	−17·963	1·00	43·7959	9·0
...	50·002	−27·642	− 5	...	...
...	49·923	−54·902	− 5	43·7958	10·0
†	49·633	−30·129	− 4	43·7960	10·0
*	−49·033	−31·496	1·00	43·7961	9·3
...	48·711	+44·432	− 5	...	...
*	48·591	−48·972	1·20	43·7962	8·9
...	48·465	− 7·508	− 5	...	...
...	48·165	−34·516	− 3	43·7963	10·0

31–60					
31				°	
...	−46·514	+34·624	− 5	...	...
...	46·427	−18·887	− 4	43·7964	10·0
S *	45·435	−28·315	2·75	43·7965	7·4
*	45·428	−18·435	1·00	43·7966	9·2
S ‡	44·655	+12·486	2·15	42.7713	7·5
...	−44·475	−31·027	− 5	...	...
...	42·977	+21·228	− 4	...	...
...	42·729	+12·481	− 5	...	...
*	42·061	+ 9·878	1·00	42.7714	9·6
...	41·988	− 0·847	− 5	...	...
41					
...	−41·664	+48·489	0·80	42.7716	9·6
...	41·468	+ 7·705	− 4	...	...
...	41·248	+ 8·607	− 5	...	...
...	41·214	+ 7·030	− 4	...	...
...	41·197	+57·534	− 5	...	...
*	−41·081	+ 9·875	1·10	42.7715	9·1
*	40·877	+10·400	1·40	42.7717	8·7
...	40·785	+11·720	0·90	...	...
...	40·712	+11·976	0·80	...	...
*	40·668	+ 7·391	2·20	42.7718	7·7
51					
...	−40·597	+13·242	− 3	...	...
...	40·093	− 0·202	− 5	*a*	...
...	39·993	−19·119	− 4	...	...
...	39·971	−10·043	− 4	43·7967	10·0
†	39·657	−16·137	− 5	...	...
...	−39·529	+54·273	− 2	...	...
...	39·405	−51·845	− 5	...	...
...	39·392	+58·461	− 4	...	...
...	39·088	+47·234	− 5	...	...
...	38·946	+ 9·005	− 5	...	...

61–90					
61				°	
*	−38·285	−55·037	1·10	43·7968	9·4
...	38·133	−45·244	− 3	43·7969	10·0
*	38·099	+ 6·802	1·30	42.7719	8·7
...	37·821	+ 4·056	0·90	...	...
...	37·434	+ 8·195	− 5	...	...
*	−37·292	+12·806	2·40	42.7720	7·6
...	37·097	+ 4·445	− 5	...	...
...	36·936	+ 4·239	− 2	...	...
...	36·889	+11·596	− 5	...	...
...	36·857	+ 8·594	− 1	...	...
71					
...	−36·573	+11·883	− 5	...	...
...	36·474	− 3·818	− 4	...	...
...	36·163	+21·694	− 5	...	...
...	35·759	+18·275	− 4	...	...
...	35·527	−47·857	− 5	...	...
†	−35·264	− 9·790	− 4	43·7972	10·0
*	35·077	−40·011	1·00	43·7971	9·4
...	35·027	+27·934	− 2	...	...
...	34·840	− 9·991	0·70	43·7973	9·8
†	34·614	+50·267	− 4	...	...
81					
†	−34·506	+20·116	− 5	...	...
...	34·353	+11·936	− 4	...	...
...	34·039	+ 5·564	− 4	...	...
*	33·937	+33·538	1·05	42.7721	9·4
...	33·920	−23·874	0·70	43·7974	9·6
...	−33·749	−21·500	− 5	...	...
...	33·497	+16·895	− 5	...	...
...	32·683	+19·050	− 5	...	...
...	32·640	+ 8·509	− 1	...	...
...	32·566	−16·009	− 2	43·7975	10·0

§ $10^{M}\cdot6 = D, -5$.

E measured from 1, 97, 222, 336.
ES ,, ,, 36, 150, 280, 410.

91–150

Notes.	Co-ordinates. x.	y.	Diam. §	C.P.D. No.	Mag.
91					
...	−32·200	+58·297	− 5	...	...
...	31·524	−46·514	− 4	...	...
...	31·400	− 3·046	− 5	...	...
...	30·010	−13·117	− 3	...	...
...	29·928	+10·601	0·80	42.7722	9·6
...	−29·722	−58·490	0·95	43.7976	9·4
...	29·560	−37·533	− 5	.	..
...	28·849	−18·318	− 4	...	...
...	28·527	+21·238	− 1	. .	...
...	28·303	− 0·874	− 1	42.7723	9·9
101					
...	−28·014	+12·442	− 3	...	...
...	27·535	−20·454	− 5	...	...
...	27·421	−49·426	− 5	...	.
...	27·308	−30·522	− 1	43.7977	9·9
...	27·037	+13·451	− 5	...	...
...	−26·965	− 1·054	− 5	...	...
†	26·891	+20·199	− 4	...	...
‡	26·247	−54·553	1·00	43.7978	9·2
...	25·470	+37·795	− 5	...	...
...	25·405	+ 9·479	− 4	...	...
111					
...	−25·012	−36·062	− 5	...	...
...	24·894	−26·129	− 4	43.7979	10·0
*	24·430	+ 1·012	0·90	42.7724	9·5
..	24·412	+15·060	0·75	42.7725	9·7
...	24·199	−51·268	− 5	...	...
...	−24·046	+ 2·593	− 5	...	...
...	23·873	+18·385	− 1	...	...
...	23·307	+28·775	0·65	...	...
...	23·185	−46·577	− 5	43.7981	10·0
..	22·977	−40·305	− 5	...	...
121					
...	−22·950	−24·176	− 5	...	...
*	22·808	+22·184	1·00	42.7726	9·4
...	22·231	+ 1·323	− 3	42.7727	10·0
...	21·465	+30·434	0·65	42.7728	9·7
*	20·516	+29·889	0·90	42.7729	9·7
...	−20·307	+18·459	− 5	. .	..
. .	20·188	−32·595	− 4	43.7982	10·0
...	18·602	−14·420	− 4	...	...
*	18·547	−46·021	1·50	43.7983	8·2
. .	18·508	+19·458	− 3	...	. .
131					
...	−18·204	+39·070	− 2	. .	...
. .	18·198	+ 1·066	− 4	42.7730	10·0
...	17·956	−14·279	− 4	...	...
...	17·773	− 7·115	− 3	...	...
..	17·769	+12·782	− 5	. .	...
	−17·525	−53·100	− 5	43.7984	10·0
...	17·426	+56·659	− 5	..	...
	17·374	+16·301	− 5	...	...
‡	17·126	+60·016	0·90	41.7946	9·5
...	17·094	−57·455	− 5	. .	.
141					
S *	−16·896	−13·673	1·20	43.7985	8·5
...	16·719	−11·811	− 5	...	...
..	16·237	−27·100	− 4	43.7986	10·0
. .	16·121	+ 8·024	− 5	...	. .
*	16·008	− 4·126	0·90	43.7987	9·6
.	−15·553	−53·385	− 5	.	...
*	15·521	− 2·606	0·90	43.7988	9·6
...	15·484	+51·490	− 3	...	...
...	15·402	+54·113	− 5	.	...
S ‡	14·671	+26·642	1·50	42.7731	8·3

151–210

Notes.	Co-ordinates. x.	y.	Diam. §	C.P.D. No.	Mag.
151					
...	−14·349	+42·511	− 3	...	...
...	14·208	− 8·394	− 5	...	...
*	13·804	−10·463	0·80	43.7989	9·6
...	13·790	+23·945	0·65	...	...
*	13·736	+27·039	1·50	42.7732	8·4
...	−13·429	+10·378	− 4	...	...
...	13·181	−19·030	0·80	43.7990	9·6
*	12·766	+21·403	1·20	42.7733	8·6
...	12·716	−36·008	− 5	...	...
‡	11·814	+60·011	1·80	41.7949	8·4
161					
...	−11·795	−20·513	− 4	43.7991	10·0
...	11·522	+42·422	− 5	...	...
...	11·517	−35·006	− 3	43.7992	10·0
...	11·407	− 8·732	− 5	...	...
...	11·333	−30·682	0·85	43.7993	9·6
...	−10·786	+20·982	0·65	...	...
...	10·714	+26·469	− 5	...	...
*	10·648	+ 8·310	0·90	42.7734	9·7
...	10·556	−20·982	0·65	43.7994	10·0
...	10·518	+33·722	− 5	...	...
171					
...	−10·477	−16·781	− 5	...	...
...	10·138	+ 9·290	− 5	...	...
...	10·048	− 3·895	− 4	...	...
...	10·007	− 6·273	− 3	43.7995	9·9
...	9·995	+12·155	− 2	...	...
...	− 9·801	−38·044	− 2	...	...
...	9·784	+50·733	− 5	...	...
†	9·742	+13·789	− 5	...	...
†	9·650	−18·107	− 3	43.7996	9·8
...	9·489	+48·294	− 1	...	...
181					
...	− 9·326	−18·966	− 1	43.7997	9·9
*	8·792	−53·879	1·05	43.7998	9·4
...	8·686	+40·716	0·90	42.7735	9·6
...	8·638	−51·422	− 5	...	...
...	8·252	−23·736	− 5	...	. .
...	− 8·213	+59·569	− 5	...	...
...	8·043	+41·052	0·80	42.7736	9·7
...	8·021	+ 1·187	− 5	. .	...
...	7·798	− 5·417	− 5	. .	...
...	7·458	− 4·319	− 4	...	...
191					
...	− 7·236	+16·773	− 2	...	...
...	7·207	−51·941	0·65	43.7999	9·9
...	6·951	−45·126	− 5	43.8000	10·0
...	6·897	+24·917	− 3	...	..
...	6·782	+13·685	− 2	...	...
*	− 6·742	+44·018	1·20	42.7737	8·7
...	6·175	−55·718	0·80	43.8001	9·6
...	5·895	+ 5·826	− 4	.	...
...	5·780	− 8·310	1·00	43.8002	9·6
†	4·996	+45·424	1·00	42.7738	9·5
201					
...	− 4·276	−29·440	− 5	...	..
...	4·178	−56·474	1·[illegible]	43.8003	9·5
...	3·990	+ 6·914	− 5	...	...
*	3·923	+21·696	1·[illegible]	42.7739	9·0
. .	3·909	+16·596	− [illegible]	.	...
...	− 3·746	+[illegible]·[illegible]3	− 5		
...	3·739	−25·050	0·70	43.8004	9·6
†	3·599	−31·734	− 5	43.8005	10·0
*	3·337	+14·322	1·00	42.7740	9·4
...	2·979	+48·002	[illegible]	...	..

211–270

Notes.	Co-ordinates. x.	y.	Diam. §	C.P.D. No.	Mag.
211					
...	− 2·627	−49·323	− 4	...	...
...	2·602	+14·398	− 3	...	...
...	2·406	−38·914	− 5	...	...
...	1·780	+ 8·962	− 5	...	...
S ‡	1·670	+55·098	2·30	42.7741	7·7
...	− 1·453	+43·682	− 3	...	...
..	1·106	+45·712	− 5	...	...
...	0·845	+54·609	− 2	42.7742	9·7
*	0·571	+33·987	1·00	42.7743	9·6
...	0·532	+10·446	− 5	...	...
221					
S *	− 0·468	−29·323	1·60	43.8006	8·3
...	+ 0·702	+21·733	− 5	...	...
..	0·999	+ 7·462	0·65	...	...
...	1·384	−36·337	− 5	...	...
...	1·511	− 5·080	− 5	...	...
...	+ 1·557	−38·617	− 5	...	...
...	2·154	+14·639	− 5	...	...
...	2·596	+26·405	− 5	...	...
...	2·773	− 0·015	− 5	...	...
*	3·336	− 3·263	0·90	43.8007	9·5
231					
...	+ 3·420	−21·337	0·65	43.8008	9·6
...	3·673	−11·746	− 4	43.8009	10·0
*	3·777	+ 8·497	1·00	42.7744	9·4
...	3·873	−26·177	− 5	...	...
*	4·559	−20·077	1·00	43.8010	9·4
...	+ 4·613	−39·428	− 2	43.8011	9·9
...	4·925	− 8·676	− 5	...	...
...	5·449	−53·225	0·75	43.8012	9·6
...	5·767	+28·770	− 5	...	...
...	6·137	−50·011	− 4	...	...
241					
...	+ 6·373	−46·702	− 4	43.8013	10·0
...	6·782	− 2·285	0·75	43.8014	9·6
...	7·111	−33·477	− 4	...	...
*	7·281	−49·407	1·20	43.8015	8·8
...	7·388	+50·392	− 5	...	...
..	+ 7·537	+53·008	− 5	...	...
...	7·992	+47·153	− 5	...	...
...	8·582	−55·017	− 5	...	...
...	8·899	+12·900	− 5	...	...
...	9·000	− 2·762	− 2	43.8016	10·0
251					
...	+ 9·197	+12·603	− 5	...	...
. .	9·306	+ 7·702	− 5	...	...
...	9·363	+23·601	− 1	...	...
...	10·001	+ 9·619	− 3	...	...
..	10·426	−47·209	0·65	43.8017	9·9
...	+10·675	+53·373	− 4	...	...
...	11·475	+ 4·411	− 5	...	...
...	11·766	−51·150	− 5	...	...
S *	11·82[illegible]	+16·083	1·45	42.7745	8·4
...	12·058	−58·920	− 5	...	...
261					
...	+12·388	−21·595	− 5	..	...
†	12·466	+15·[illegible]15	− 4	...	...
...	12·544	− 2·440	− 5	...	...
*	12·579	+35·237	1·05	42.7746	8·7
*	12·976	+43·758	1·00	42.7747	9·3
. .	+13·019	−10·439	− 5	43.8018	10·0
..	13·239	− 4·164	− 5	...	...
...	13·282	−27·597	− 4	...	...
..	13·331	+ 4·573	− 5	...	...
..	13·522	+26·268	− 5	...	...

§ 10M·6 = D, − 5.

271 330

Notes.	Co-ordinates. x.	y.	Diam. §	C.P.D. No.	Mag.
271					
...	+13·533	−21·396	− 5	...	...
...	13·646	− 9·524	− 4	...	...
...	13·661	− 5·686	− 5	...	...
...	13·858	− 0·028	− 5	...	...
*	13·980	−19·974	1·00	43.8019	9·1
...	+14·249	−16·569	− 4	...	...
...	14·539	−12·214	− 4	43.8020	9·9
...	14·566	+22·461	− 5	...	...
†	14·660	−44·589	− 3	43.8021	9·6
...	15·443	− 2·768	− 5	...	...
281					
...	+16·005	−31·319	− 5	...	...
...	16·113	+14·876	0·65	...	...
...	16·343	+12·842	− 5	...	...
...	16·397	− 5·366	0·70	43.8022	9·9
...	16·687	+12·447	− 5	...	...
...	+16·717	−45·178	− 5	...	...
...	16·724	−15·887	− 3	...	...
...	16·744	+ 2·177	− 2	...	...
...	17·228	− 1·883	− 5	...	...
...	17·588	+25·852	− 4	...	...
291					
...	+18·536	−27·869	− 5	...	...
...	18·895	+28·816	− 4	...	...
...	19·239	−49·857	− 5	...	
...	19·463	−36·200	− 5	...	...
...	20·013	+30·955	− 5	...	...
...	+20·631	− 0·557	− 5	...	...
*	20·830	−10·726	1·00	43.8023	9·4
...	21·064	+23·807	0·80	...	...
...	21·118	−41·712	0·70	43.8024	9·8
...	21·147	−42·643	1·00		
301				43.8026	8·0
*	+21·251	−42·626	1·80		
...	21·195	−58·573	− 5	...	...
...	21·282	−45·458	0·70	43.8025	9·8
...	21·447	+ 3·613	0·80	...	...
...	21·583	−51·937	− 4	43.8027	10·0
...	+21·844	+45·457	− 5	...	...
...	21·899	+ 5·729	− 1	...	...
...	22·105	− 7·357	− 4	...	...
...	22·322	+40·936	− 4	...	...
...	22·330	− 7·972	− 5	...	...
311					
S *	+22·338	−54·004	1·60	43.8028	7·9
...	22·398	+40·531	− 2	...	...
...	22·576	− 2·931	0·65	43.8029	10·0
...	23·678	−38·410	− 5	...	...
...	24·089	−12·368	− 2	...	...
*	+24·165	− 3·724	1·00	43.8030	9·6
...	24·753	+ 6·122	− 4	...	...
*	24·794	+54·281	1·15	42.7748	9·2
...	25·032	− 3·364	− 5	...	...
...	25·439	−22·233	− 2	...	...
321					
...	+25·526	−37·706	0·70	43.8031	9·6
...	25·580	−19·909	− 3	...	...
...	26·372	+56·009	− 2	42.7749	9·6
...	26·381	+38·061	− 5	...	...
...	26·638	+16·097	− 5	...	...
...	+27·112	− 6·664	− 3	...	...
†	27·998	−44·623	− 5	...	...
...	28·060	−11·671	− 3	...	...
...	28·082	−12·155	− 5	...	...
...	28·510	+48·102	− 5	...	...

§ 10M·6 = D, − 5.

331-390

Notes.	Co-ordinates. x.	y.	Diam. §	C.P.D. No.	Mag.
331					
...	+28·600	−48·916	− 5	...	...
...	29·126	−24·083	0·70	43.8032	9·6
...	29·592	−46·873	− 5	...	...
...	29·821	+10·747	0·70	...	...
†	30·122	−56·241	1·00	43.8033	9·4
..	+30·404	−40·272	− 5	...	...
...	31·006	+ 3·394	− 5	...	...
...	31·235	+14·670	− 4	...	...
...	31·375	+38·194	− 4	...	...
...	31·382	−10·292	0·80	43.8034	9·6
341					
S *	+31·509	− 6·545	1·10	43.8035	8·9
*	31·680	+20·652	0·90	42.7750	9·6
...	31·763	+53·758	− 4	...	...
...	31·837	−23·171	− 4	43.8036	10·0
...	32·243	+ 8·173	− 4	...	...
...	+32·359	−44·849	− 5	...	...
...	32·425	−26·960	− 4	43.8037	9·9
...	32·689	+ 8·530	− 5	...	...
...	33·570	+58·530	− 5	...	...
...	33·580	−48·840	− 5	...	...
351					
N	+33·991	−44·556	− 1	...	...
...	34·132	+25·743	− 5	...	...
...	34·173	+28·702	− 5	...	...
...	34·178	+ 1·126	− 5	...	...
...	34·272	− 0·699	− 2	42.7751	10·0
...	+34·590	− 5·188	− 5	...	...
...	34·638	−50·375	− 5	...	...
...	34·693	−13·184	− 1	...	...
*	34·703	−24·152	1·00	43.8038	9·3
*	34·853	+41·475	1·00	42.7752	9·4
361					
...	+34·903	−29·289	− 5	...	...
...	34·976	+ 8·803	− 4	...	...
*	35·007	−31·239	1·10	43.8039	8·8
†	35·122	+25·937	0·65	42.7753	9·7
†	35·216	−18·376	− 4	43.8040	10·0
...	+35·530	+ 0·736	− 2	42.7754	10·0
...	35·749	+33·442	− 1	42.7755	9·6
...	35·759	−39·438	− 3	43.8041	9·9
*	35·984	+48·296	1·00	42.7756	9·2
*	36·092	+38·181	1·00	42.7757	9·1
371					
...	+36·105	−42·030	− 4	...	...
...	36·290	−21·717	− 5	...	...
...	36·846	−20·164	− 5	...	...
‡	37·452	+35·072	1·00	42.7758	9·4
...	37·458	−41·119	− 5	...	...
*	+37·486	−37·383	1·00	43.8042	9·3
...	37·548	−28·844	− 3	...	...
...	37·576	+12·181	− 1	...	...
...	37·844	−14·548	0·65	43.8043	9·6
...	38·464	−55·584	− 5	43.8045	10·0
381					
...	+38·486	−29·131	− 5	...	...
‡	38·872	+50·055	1·05	42.7759	9·1
...	38·969	+ 3·779	− 4	...	...
...	39·293	−31·973	− 4	...	...
...	39·488	−35·007	− 4	...	...
*	+39·804	−46·868	1·05	43.8046	9·0
...	40·049	− 0·212	− 5	a	...
†	40·199	− 6·073	0·70	43.8047	10·0
...	40·874	+ 6·045	− 5	...	...
*	40·925	−57·818	1·10	43.8048	9·3

C.P.D. 43°.8061, too faint to measure

391-450

Notes.	Co-ordinates. x.	y.	Diam. §	C.P.D. No.	Mag.
391					
...	+41·127	− 3·406	− 4	...	...
...	41·576	−28·686	− 5	...	...
...	41·682	−58·080	− 4	43.8049	9·6
...	41·839	+45·819	− 5	...	...
...	42·009	+51·715	− 5	...	...
*	+42·488	+48·284	1·10	42.7760	9·2
S *	42·670	+31·759	1·65	42.7761	8·4
...	42·833	−14·569	− 5	...	...
...	42·945	−26·610	− 5	...	...
...	43·010	+37·061	− 5	...	...
401					
...	+43·393	−15·228	− 3	43.8050	10·0
...	43·620	− 6·553	0·80	43.8052	9·8
...	43·638	− 2·424	− 4	43.8051	10·0
*	44·173	−21·312	1·00	43.8053	9·6
...	44·176	−14·987	− 5	...	...
...	+44·188	− 6·487	− 5	...	...
...	44·702	+35·991	− 4	...	...
...	44·852	−18·386	− 5	...	...
*	44·964	−11·644	1·00	43.8054	9·0
...	45·301	−26·873	− 5	...	...
411					
...	+45·444	− 9·007	− 5	...	...
†	45·560	−39·632	0·80	43.8055	9·4
...	45·882	−15·302	− 1	43.8056	10·0
...	46·216	−23·011	− 5	...	...
...	46·753	+11·327	− 4	...	...
...	+47·072	−22·136	− 5	...	...
...	47·282	− 5·741	− 3	...	...
*	47·387	+59·034	1·50	41.7991	8·9
*	47·568	−43·978	1·00	43.8057	9·4
...	48·302	+11·645	0·70	...	...
421					
*	+49·159	− 0·656	1·30	42.7762	8·9
*	49·180	−45·846	1·05	43.8058	9·3
...	49·573	−44·493	1·00	43.8059	9·4
...	49·839	+48·827	− 3	42.7763	9·7
a *	49·868	− 0·471	0·90	42.7764	9·7
...	+50·525	+16·618	− 4	...	...
...	50·611	−13·344	− 2	43.8060	10·0
...	50·703	−56·840	0·95	43.8062	9·3
...	50·854	+16·033	− 2	...	...
...	51·020	+36·349	− 3	...	...
431					
...	+51·212	−49·802	− 5	...	...
*	51·248	+51·075	1·90	42.7765	8·4
...	51·458	+19·152	0·80	42.7766	9·7
...	51·549	−55·642	− 5	...	...
...	51·948	− 8·801	0·75	43.8063	10·0
...	+52·475	+42·690	− 4	...	...
...	52·503	−38·430	0·80	43.8064	9·8
...	52·631	−31·227	0·70	43.8065	9·8
...	53·032	− 0·896	− 5	...	...
...	53·123	−23·201	0·85	43.8066	9·8
441					
...	+53·627	+12·644	− 4	...	...
...	54·153	+43·143	0·65	42.7767	9·6
...	54·189	+ 8·109	− 3	...	...
*	54·334	−15·247	1·10	43.8067	9·2
...	54·785	−13·176	− 5	...	...
...	+54·910	+12·048	− 5	...	...
...	56·252	−53·241	− 4	43.8068	10·0
...	56·682	+46·804	− 5	...	...
...	56·928	− 1·344	− 3	42.7768	10·0
...	57·137	− 9·230	− 3	...	...

351. Var. L = 8·5 - 12·5.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. §	C.P.D. No.	C.P.D. Mag.
		451-457			
451				°	
...	+57·290	+14·062	0·65	...	...
...	57·457	−39·163	1·00	43.8069	9·4
...	57·528	−40·276	− 3	43.8070	9·9
S *	58·094	−27·629	2·30	43.8071	7·4
...	58·375	+ 9·472	− 2	...	...
...	+59·224	−13·308	− 5	...	...
...	59·800	−36·130	− 3	43.8072	9·8

§ $10^{m}\cdot6$ − D, − 5.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.
		1-40			
1				°	
...	−59·392	− 6·265	− 5	...	...
...	59·347	+15·918	0·85	...	..
...	59·225	−35·734	− 5	...	...
*	59·188	−45·978	1·40	43.8058	9·3
...	59·016	− 6·194	− 5	...	...
...	−58·828	+19·043	0·95	42.7766	9·7
*	58·820	−44·612	1·35	43.8059	9·4
..	58·715	−13·452	0·80	43.8060	10·0
...	58·539	+42·608	0·80	...	...
...	58·510	+19·137	− 5	...	...
11					
...	−58·208	+23·148	− 5	...	...
...	57·738	−59·084	− 5	43.8061	10·0
...	57·514	− 8·864	0·95	43.8063	10·0
*	57·309	−56·930	1·20	43.8062	9·3
...	57·004	−49·873	− 3	...	...
...	−56·990	+13·089	− 5	...	...
*	56·870	+43·119	1·10	42.7767	9·6
...	56·757	+56·327	− 5	...	...
...	56·703	+ 0·393	− 5	...	...
...	56·672	−39·162	− 5	...	...
21					
...	−56·664	− 0·929	− 1	...	...
..	56·539	−55·702	− 3	..	..
...	56·470	+12·611	− 4	..	...
...	56·210	+50·540	− 5	...	...
..	56·169	−31·261	0·90	43.8065	9·8
...	−56·165	− 3·581	− 5	...	...
*	56·051	−38·451	1·00	43.8064	9·8
*	55·908	−23·220	1·10	43.8066	9·8
..	55·780	+ 8·105	− 1	...	...
...	55·375	+53·334	− 5	..	..
31					
	−55·374	+27·728	− 4	...	...
...	55·169	+12·062	− 2	..	...
*	54·942	−15·240	1·35	43.8067	9·2
†	54·566	+20·046	− 5	...	...
†	54·549	−13·154	− 5	...	...
...	−54·463	+46·843	0·70	...	...
...	54·199	−48·674	− 5	..	...
...	53·755	+ 9·237	− 5	..	...
...	53·071	−31·111	− 5	...	...
...	52·846	+14·149	0·90	...	...
		41-80			
41				°	
...	−52·747	− 1·266	0·80	42.7768	10·0
...	52·700	−40·203	− 5	...	...
...	52·355	+50·774	− 5	...	...
...	52·311	− 9·144	0·85	...	...
...	52·278	−12·530	− 5	...	..
...	−52·203	+ 9·616	− 5	...	...
...	52·023	−24·907	− 4	...	...
...	51·869	−53·145	0·85	43.8068	10·0
...	51·857	+46·601	− 4	...	...
...	51·623	+ 9·584	0·80	..	...
51					
...	−51·543	−20·328	− 5	...	...
*	51·100	−39·044	1·30	43.8069	9·4
...	50·990	−40·154	0·90	43.8070	9·9
S *	50·803	−27·510	2·75	43.8071	7·4
...	50·735	+11·188	− 5	...	...
...	−50·493	−46·385	− 5	...	...
...	50·114	−13·145	− 2	...	...
...	49·945	−16·603	− 2	..	...
...	49·250	−19·484	− 5	...	...
...	48·847	−35·940	0·95	43.8072	9·8
61					
...	−48·806	+13·141	− 5	...	...
*	48·786	−23·224	1·00	43.8073	9·9
...	48·371	+ 2·683	0·90	...	...
...	48·273	+ 6·437	0·65	...	...
...	48·229	−33·565	− 4	...	...
*	−48·202	−23·947	1·10	43.8074	9·6
...	48·168	+ 7·815	− 1	...	...
...	48·049	−23·038	− 4	..	...
...	47·976	−10·575	− 4	...	...
...	47·800	−14·479	− 5	..	...
71					
...	−47·562	+ 6·168	− 5	.	...
...	47·536	−33·602	− 5	...	...
...	47·421	− 2·146	− 5	...	...
*	47·310	− 6·717	1·00	43.8077	10·0
..	47·184	− 2·399	− 4	...	...
..	−47·139	−40·586	0·85	43.8076	10·0
..	47·033	−33·180	− 5	...	...
...	47·012	−45·889	0·75	43.8075	9·9
...	46·944	+ 2·452	− 5	...	...
*	46·934	+20·512	1·00	42.7769	9·6
		81-120			
81				°	
...	−46·893	−26·417	0·65	...	...
*	46·745	+40·511	2·30	42.7771	8·4
...	46·673	− 4·516	− 5	...	...
*	46·246	−36·610	1·05	43.8078	9·6
*	46·231	+ 1·033	0·95	42.7770	9·7
...	−46·155	−43·664	− 5	...	...
*	46·147	+12·641	1·10	42.7772	9·5
*	45·849	−37·529	1·05	43.8079	9·6
...	45·808	− 1·697	− 5	...	...
*	45·672	+48·358	1·25	42.7773	9·6
91					
...	−45·563	+ 8·953	0·85	...	...
...	45·421	−50·520	− 5	...	...
...	45·147	−21·708	− 5	...	...
...	45·013	−42·853	0·75	43.8080	10·0
...	44·420	−51·463	− 3	...	...
...	−44·393	−40·786	− 5	...	...
...	44·383	+57·785	− 1	...	...
..	44·224	+ 1·069	− 4	...	...
...	44·164	+51·683	− 5	...	...
...	43·948	−57·427	− 5	...	...
101					
...	−43·913	+23·514	− 5	...	...
...	43·754	−44·197	0·75	43.8081	10·0
...	43·735	+56·174	− 5	...	...
...	43·735	+53·793	0·90	42.7775	9·7
...	43·718	+ 1·403	− 5	..	...
‡	−43·307	−39·859	1·25	43.8082	9·4
*	43·237	−36·835	2·10	43.8083	9·0
...	43·182	+ 1·174	− 5	...	...
...	43·104	−11·152	− 5	...	...
*	43·082	+13·534	1·05	42.7774	9·6
111					
*	−42·911	−20·832	1·05	43.8084	9·8
...	42·754	−15·356	− 5	...	...
...	42·477	−16·431	− 1	...	...
...	42·476	−16·321	− 1	...	...
...	42·459	+ 6·767	− 5	...	...
...	−42·452	−37·244	− 5	...	...
*	42·326	−32·458	1·30	43.8085	9·4
...	42·295	− 8·162	− 5	...	...
...	42·237	− 1·372	− 5	...	...
...	42·229	+ 3·114	− 3	...	...

‡ measured from 1 − 1025.
Standards by S and B.

121-180

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
121					
...	−42·123	+33·542	− 5	...	...
*	42·036	−15·269	1·10	43.8086	9·8
...	42·034	−59·053	− 3	...	...
...	41·503	−12·990	− 5	...	...
...	41·410	+ 0·335	0·90	...	...
*	−41·296	−20·203	1·10	43.8087	9·8
...	41·291	−38·140	− 5	...	...
...	41·267	−33·823	− 5	...	...
...	41·265	−32·532	− 5	...	...
...	41·260	+56·047	− 3	...	...
131					
...	−41·240	− 6·075	0·90	...	...
...	41·220	+32·125	− 5	..	...
...	40·634	+21·246	− 5	...	...
*	40·620	−12·012	1·00	...	...
...	40·471	+21·648	− 5	...	...
...	−40·441	−58·250	− 5	...	...
...	40·438	−13·516	− 5	...	...
...	40·286	+52·404	− 2	...	...
...	40·209	− 7·185	− 5	...	...
*	40·152	+26·796	1·15	42.7776	9·5
141					
...	−40·056	−43·171	0·65	...	...
*	39·848	− 9·386	1·05	43.8088	9·8
...	39·519	+38·662	− 5	...	...
...	39·510	+58·615	− 3	...	...
‡	39·509	+17·290	1·10	42.7777	9·5
...	−39·325	− 9·007	0·65	...	...
...	39·223	− 7·352	0·90	...	...
*	39·197	+17·558	0·95	...	...
*	39·140	+33·414	1·40	42.7778	9·1
...	38·876	−38·848	− 2	...	...
151					
...	−38·591	−20·644	− 5	...	...
...	38·571	+41·894	− 5	...	...
...	38·290	−56·864	− 5	...	...
...	38·167	−16·547	− 1	...	...
...	38·114	− 2·720	− 5	...	...
*	−37·816	+33·166	1·00	...	...
...	37·811	−17·739	− 4	...	...
...	37·697	−38·844	− 5	...	...
...	37·637	+38·357	− 5	...	...
...	37·395	−34·203	− 4	...	...
161					
*	−37·388	−30·022	1·10	43.8089	9·8
..	37·379	+10·750	− 5	...	...
...	37·376	−49·052	− 4	...	...
...	37·330	+36·753	− 5	...	...
...	37·223	+43·978	− 5	...	...
*	−37·055	+25·295	1·00	...	...
*	37·046	−30·637	1·20	43.8090	9·8
*	36·705	+23·613	1·60	42.7779	8·6
*	36·665	+32·155	2·00	42.7780	8·4
...	36·588	− 4·981	− 2	...	...
171					
...	−36·491	−51·192	− 5	...	...
...	36·251	+13·308	− 5	...	...
*	36·083	−56·041	1·00	43.8091	9·8
...	35·936	+49·224	− 5	...	...
...	35·799	−45·273	0·95	...	...
...	−35·661	+48·515	0·90	...	...
...	35·527	−10·092	− 5	..	...
...	35·266	+33·534	− 2	...	...
*	34·917	−53·563	4·20	43.8092	7·1
*	34·863	−53·787	1·60		

181-240

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
181					
...	−34·871	+24·544	− 5	...	...
...	34·864	+44·374	0·70	...	...
...	34·801	+ 5·025	0·90	...	...
*	34·451	+28·141	1·45	42.7781	8·9
...	34·272	+20·360	0·90	...	...
..	−34·147	+11·655	− 5	...	...
*	34·102	+38·077	1·25	42.7782	9·2
...	33·938	+54·136	− 5	...	...
*	33·665	+ 5·482	1·20	42.7783	9·2
*	33·048	+54·535	0·95	42.7784	9·7
191					
...	−32·996	−35·822	− 5	...	...
...	32·934	+ 2·849	− 1	...	...
...	32·832	− 7·990	− 5	...	...
...	32·823	−35·980	− 5	...	...
...	32·607	+33·749	− 4	...	...
...	−32·581	−13·784	− 1	...	...
...	32·438	+51·751	− 5	...	...
...	32·425	−20·376	− 5	...	...
...	32·377	+38·351	− 5	...	...
...	32·351	− 9·339	− 5	...	...
201					
*	−32·268	+50·659	1·10	42.7786	9·7
*	32·213	−25·790	1·35	43.8093	9·3
...	32·147	−27·354	− 3	...	...
...	32·095	−59·350	0·90	...	...
*	32·079	−38·064	0·95	...	...
...	−32·064	−43·597	− 5	...	...
...	31·919	−33·536	− 5	...	...
*	31·910	+ 1·797	1·15	42.7785	9·6
...	31·549	−33·329	− 5	...	...
*	31·410	+44·796	2·00	42.7787	8·5
211					
...	−31·270	+36·603	− 5	...	...
*	31·247	−27·002	0·95	...	...
...	30·896	+38·744	− 5	...	...
...	30·841	−43·662	0·90	...	...
...	30·694	+ 2·959	− 4	...	...
†	−30·659	− 4·883	− 1	...	...
*	30·574	−26·961	1·05	...	...
...	30·361	−31·178	− 5	...	...
*	30·308	−28·380	1·20	43.8094	9·6
...	30·183	+46·531	− 2	...	...
221					
...	−30·165	+56·217	− 5	...	...
...	29·960	+33·524	− 5	...	...
...	29·860	−14·120	− 5	...	...
†	29·595	−21·891	− 5	...	...
...	29·335	−41·534	− 5	...	...
...	−29·245	−29·706	− 5	...	...
...	29·190	−52·885	− 2	...	...
*	29·188	+ 4·408	1·00	...	...
*	29·152	−33·168	0·95	...	...
...	28·917	+ 3·684	0·90	...	...
231					
...	−28·771	−32·025	− 5	...	...
...	28·610	+32·700	− 5	...	...
*	28·393	+28·453	2·00	42.7788	8·5
...	28·367	+57·835	− 5	...	...
...	28·297	− 0·266	0·70	...	...
...	−28·288	−18·688	− 5	...	...
...	28·110	−29·518	− 4	...	...
...	28·072	+26·504	− 5	...	...
...	27·959	−11·292	− 5	...	...
...	27·909	+17·177	− 5	...	...

241-300

Notes.	Co-ordinates. x	Co-ordinates. y	Diam. 4.	C.P.D. No.	C.P.D. Mag.
241					
...	−27·856	+12·436	− 5	...	...
...	27·077	− 3·157	− 5	...	...
...	26·934	+ 6·163	− 5	...	...
...	26·847	−41·126	− 5	...	...
*	26·719	−40·549	1·00	...	...
...	−26·443	+42·975	− 5	...	...
..	26·281	+27·915	− 5	...	...
*	26·084	+33·895	0·95	...	...
...	26·004	+35·571	− 5	...	...
...	26·001	+54·627	− 5	...	...
251					
*	−25·915	+50·408	0·95	...	...
...	25·828	+59·234	− 5	...	...
...	25·791	+45·974	− 5	...	...
. .	25·645	− 1·449	0·90	...	...
...	25·633	+35·159	− 2	...	...
...	−25·435	−47·429	− 5	...	...
*	25·141	−26·456	1·10	43.8095	9·8
*	25·125	−21·686	1·40	43.8096	9·3
*	25·054	− 8·954	1·25	43.8097	9·4
...	24·812	−11·501	− 2	...	...
261					
...	−24·797	+30·963	0·70	...	...
.	24·704	−21·900	− 5	...	...
...	24·698	+15·293	0·85	...	...
†	24·591	+15·673	0·85	...	...
†	24·545	+22·716	− 3	...	...
...	−24·360	+56·148	− 2	...	...
*	24·308	+46·055	1·00	42.7789	9·7
*	24·279	−28·297	2·00	43.8098	8·6
*	24·213	+50·415	1·40	42.7790	9·0
...	24·103	−12·662	− 5	...	...
271					
*	−24·094	+45·712	1·00	42.7791	9·7
...	23·986	+58·274	− 5	...	...
...	23·968	+36·052	− 5	...	...
*	23·949	−24·915	1·00	43.8099	9·8
...	−23·775	−44·348	− 5	...	...
S *	23·483	+44·886	2·53	42.7792	8·2
...	23·348	+16·868	0·90	...	...
..	23·199	−56·169	− 5	...	...
...	23·133	−45·968	0·85	...	..
*	23·130	−43·107	1·10	43.8100	9·5
281					
...	−22·918	+25·588	− 3	...	...
*	22·878	−42·214	1·20	43.8101	9·5
*	22·784	+37·426	2·00	42.7793	8·7
...	22·753	−58·207	− 5	...	...
...	22·573	−31·016	− 4	...	...
*	−22·377	−34·997	1·00	43.8102	9·8
...	22·020	+33·329	− 5	...	...
...	22·016	−20·391	− 4	...	...
...	21·789	−42·469	− 1	...	...
*	21·732	− 6·799	1·70	43.8103	9·0
291					
...	−21·545	−46·714	− 5	...	...
...	21·188	−34·295	− 1	...	...
S ‡	21·040	+10·086	1·80	42.7794	8·8
...	21·002	−29·630	− 4	...	...
...	20·991	+38·824	− 5	...	...
...	−20·897	+ 6·350	0·90	...	...
*	20·745	+53·975	1·30	42.7795	9·6
...	20·691	+46·276	− 5	...	...
...	20·668	− 9·417	− 4	...	...
...	20·551	−58·895	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	4.	No.	Mag.
301–360					
301				°	
...	−20·531	+ 3·666	− 5	...	
...	20·343	−12·826	0·90	...	...
...	20·174	+34·698	− 4	...	...
*	19·896	− 9·586	1·05	43.8104	9·8
...	19·433	−13·687	− 5	...	...
...	−19·421	+11·625	0·75	...	..
*	19·257	+ 3·343	1·00	42.7796	9·6
...	19·182	+ 3·244	− 4	...	...
...	19·147	− 8·390	− 5	...	...
*	19·145	+52·957	0·95	...	..
311					
...	−19·039	− 3·300	− 4	...	..
S *	18·949	−4·435	2·75	43.8105	8·2
...	18·902	−17·710	− 5	...	...
*	18·812	−23·035	1·20	43.8106	9·3
...	18·665	− 0·893	− 4	...	...
.	−18·535	−44·410	− 5	...	...
*	18·517	+55·797	1·25	42.7797	9·6
*	18·205	−22·888	1·15	43.8107	9·6
..	18·114	−53·261	− 5	..	...
...	18·069	−57·634	− 5	..	...
321					
...	−17·896	+57·139	− 5	...	...
...	17·876	−32·044	0·80	...	...
S *	17·866	− 8·769	3·35	43.8108	7·3
...	17·860	−34·008	− 4	...	...
*	17·659	+ 0·840	1·00	42.7798	9·6
...	−17·412	−45·385	− 5	...	...
...	17·125	+53·823	− 5	..	...
...	17·083	−53·479	− 1	...	...
...	17·063	−26·337	0·85	...	...
...	17·021	−13·890	0·75	...	...
331					
...	−16·911	−44·455	0·85	...	...
...	16·730	+53·991	− 5	..	...
*	16·713	+ 1·062	2·50	42.7799	8·0
..	16·682	−56·949	− 5	...	...
.	16·656	− 6·565	− 5	...	...
	−16·550	+59·344	− 2	..	...
...	16·506	+27·538	0·80	...	...
...	16·489	+52·456	− 1	...	...
...	16·359	+52·727	− 2	.	...
..	16·295	−37·618	− 5	...	...
341					
.	−16·067	+13·674	− 2	...	...
.	16·029	+25·234	0·80	...	...
...	16·028	−48·983	− 5	...	...
*	15·935	−42·032	1·25	43.8109	9·3
*	15·867	−57·018	1·10	43.8110	9·6
...	−15·833	+40·141	− 5	...	...
..	15·819	+17·786	− 5	...	...
	15·762	+26·845	− 5	...	..
...	15·762	12·106	0·80	..	...
‡	15·752	−44·793	1·30	43.8111	9·4
351					
.	−15·573	−52·572	− 5	...	...
.	15·463	−47·809	− 5	..	...
...	15·275	−40·217	− 5	..	...
*	15·137	+37·537	1·00	42.7800	8·0
*	15·093	+37·310	2·30		
...	−15·019	−40·82	− 5		...
...	14·955	−47·588	− 4	...	..
...	14·888	−10·931	0·80	.	...
.	14·856	+53·861	− 5	...	...
...	14·836	+13·665	− 5	...	..

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	4.	No.	Mag.
361–420					
361				°	
...	−14·347	+45·903	− 1	...	...
*	14·314	+53·476	2·30	42.7802	8·4
...	14·304	+50·218	− 5	...	...
...	14·274	+55·881	− 5	...	...
*	14·253	− 2·896	1·35	43.8112	9·3
*	−14·171	+18·448	1·45	42.7801	8·9
*	14·059	−19·004	1·10	43.8113	9·8
...	14·040	−56·090	− 5	...	...
...	14·014	−25·818	− 4	...	...
...	13·879	+21·874	− 5	...	...
371					
..	−13·826	−59·593	0·85	..	...
..	13·800	+35·166	− 5	...	...
...	13·793	+ 9·433	− 5	...	.
...	13·769	−59·381	− 4	...	...
...	13·682	−29·878	0·90	43.8114	9·8
...	−13·547	+18·254	− 4	...	...
*	13·404	− 4·223	1·05	43.8115	9·8
...	13·195	+28·910	− 5	...	...
...	13·044	+ 4·628	− 5	...	...
...	13·040	+51·230	− 3	...	..
381					
...	−12·804	−37·276	0·90	...	...
...	12·777	−34·390	− 4	.	...
...	12·668	− 0·244	− 4	..	...
*	12·515	−41·839	0·95	...	...
...	12·424	+32·076	− 5	.	...
...	−12·263	−22·001	0·80	...	...
*	12·116	+ 9·075	1·00	42.7803	9·6
...	11·983	− 8·106	− 5	...	...
...	11·907	+53·345	− 5	...	...
...	11·897	+34·011	− 5	...	...
391					
...	−11·720	+56·531	− 5	...	...
...	11·711	−36·931	0·80	...	...
...	11·556	−47·055	− 5	...	...
...	11·512	+45·101	− 1	...	..
...	11·489	− 9·543	− 4	...	..
...	−11·461	−22·216	− 5	...	...
...	11·310	−10·605	0·80	...	...
*	10·910	+11·562	1·05	42.7804	9·6
...	10·765	+ 9·494	− 5	...	...
...	10·490	+18·366	− 4	...	...
401					
...	−10·416	−42·841	− 5	...	...
...	10·238	+34·969	0·85	...	...
...	10·144	−15·028	− 5	...	...
...	10·087	+20·230	− 1	...	...
...	10·058	+25·413	− 5	...	...
...	−10·058	+17·181	− 5	...	...
...	10·056	−43·655	− 5	...	...
...	9·896	+51·311	− 5	...	...
...	9·889	+20·980	− 5	...	...
...	9·881	− 2·851	0·90	.	..
411					
..	− 9·250	−36·287	− 5	..	..
...	9·227	+ 0·611	0·80	...	...
‡	9·178	−29·724	1·00	43.8116	9·8
...	8·937	+44·809	− 4	...	...
...	8·535	−48·331	− 3	...	...
..	− 8·394	+27·543	− 5	...	...
...	8·376	+58·270	− 2	.	...
...	8·296	+28·907	− 5	...	...
...	8·205	−30·992	− 5	...	...
...	8·152	+25·307	− 1	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
421–480					
421				°	
...	− 7·945	−31·595	− 3	...	...
...	7·935	−55·334	− 5	..	...
...	7·862	−43·192	0·85	...	...
...	7·725	+34·515	0·80	...	...
*	7·496	+45·338	0·95	42.7805	9·6
*	− 7·476	−44·319	1·10	43.8117	9·8
...	7·443	−22·344	− 5	...	...
...	7·230	−18·150	0·90	...	...
...	7·214	+58·758	− 1	...	...
*	7·058	+39·649	1·55	42.7806	8·8
431					
...	− 6·873	−16·709	0·65	...	...
...	6·862	+10·019	− 5	...	...
...	6·818	−34·438	0·90	...	...
*	6·726	−33·231	1·60	43.8118	9·0
...	6·687	+18·258	− 5	...	...
...	− 6·470	+30·997	− 1	...	...
..	6·329	+49·064	0·75	...	...
..	6·319	−47·867	− 3	...	...
...	6·279	+54·091	− 5	...	...
*	6·244	+25·928	1·00	42.7807	9·7
441					
...	− 6·135	+ 2·494	− 5	M	...
*	6·004	−11·503	1·15	43.8119	9·6
*	5·775	+46·958	1·10	42.7808	9·7
...	5·597	+52·248	− 5	...	..
*	5·428	+42·428	0·95	...	...
...	− 5·428	−17·491	− 5	..	...
...	5·394	−45·409	− 4	...	...
*	5·319	−10·123	1·20	43.8120	9·8
...	5·129	+50·423	0·90	...	...
...	5·062	+11·224	− 5	..	...
451					
...	− 5·044	−16·187	− 5	...	...
...	4·947	−21·211	− 5	...	...
†	4·669	−52·488	− 5	...	...
†	4·571	−44·385	− 5	...	...
..	4·519	+42·845	− 3	...	...
...	− 4·494	−57·656	− 5	...	...
..	4·473	− 5·154	0·65	...	...
...	4·398	−40·526	− 4	...	...
...	4·301	−26·400	− 5	...	...
*	4·050	+38·167	1·00	...	...
461					
...	− 4·021	−14·961	− 5	...	...
...	3·906	−38·331	− 2	...	...
...	3·893	−39·817	− 1	..	...
...	3·887	−32·081	0·90	...	..
...	3·628	−21·077	− 5	...	...
...	− 3·461	−54·474	− 5	...	...
...	3·406	+41·422	− 5	...	...
*	3·376	−53·299	1·00	43.8121	9·8
..	2·786	+50·374	− 5	...	...
...	2·545	−25·376	− 2	...	...
471					
...	− 2·544	+ 9·103	− 4	...	...
*	2·380	+36·741	2·00	42.7809	8·7
...	2·319	+32·324	0·90	...	...
*	2·063	−54·223	1·30	43.8122	9·3
...	1·829	− 9·726	− 5	..	..
..	− 1·762	−13·850	− 5	..	...
...	1·414	−24·682	− 5	..	...
...	1·196	+56·180	− 5	...	..
...	0·923	−56·163	− 1	.	...
...	0·779	+ 1·120	− 1	...	...

481–540

Notes.	Co-ordinates x.	Co-ordinates y.	Diam.	C.P.D. No.	C.P.D. Mag.
481					
*	− 0·671	+25·264	1·00	.	..
..	0·669	−27·896	0·80	..	...
...	0·624	+ 6·327	− 1	.	..
...	0·485	−16·399	− 1	..	..
†	0·247	−29·775	− 4	..	..
..	− 0·125	+29·624	− 5	...	...
...	− 0·092	+14·819	− 5	M	.
...	+ 0·152	−25·275	− 5	...	...
†	0·321	+ 7·788	0·90	42.7810	9·7
*	1·020	−59·227	1·20		
491				43.8123	9·5
...	+ 1·032	−59·490	0·80		
...	1·306	−42·502	0·65	...	.
...	1·396	−32·110	0·80	..	...
...	1·438	−49·513	− 1	..	..
...	1·480	+20·519	− 3	.	...
...	+ 1·523	− 5·764	− 5	...	...
*	1·580	−57·859	1·20	43.8124	9·6
*	1·682	−56·700	1·20	43.8125	9·6
...	1·718	−52·387	− 5	...	..
...	1·900	+ 8·447	− 5	...	..
501					
...	+ 1·927	−15·388	− 5	..	...
...	1·975	−25·685	− 4	..	...
S *	2·284	+53·706	2·53	42.7811	8·1
...	2·312	−48·194	− 5	...	...
*	2·345	− 2·281	1·00	..	...
...	+ 2·370	−42·050	− 5	...	...
...	2·477	−17·422	1·00	...	...
...	2·486	−43·146	0·90	.	...
...	2·530	−52·133	0·85	...	...
...	2·566	+ 8·451	0·90	...	...
511					
...	+ 2·577	− 0·339	0·85	.	...
...	2·688	−25·161	− 5	.	..
...	2·729	+36·248	− 2	..	...
...	2·814	−17·103	0·90	...	..
*	2·898	− 8·269	1·00	43.8126	9·8
..	+ 2·976	+45·329	0·75	...	...
...	3·006	+59·446	− 5	..	.
...	3·055	+ 6·655	− 5	...	...
...	3·063	+59·596	− 2	...	...
...	3·099	−39·800	− 4	..	...
521					
...	+ 3·140	+18·043	− 2	..	...
*	3·228	−18·341	1·00	43.8127	9·8
...	3·343	−13·191	0·85	...	...
...	3·669	−54·988	− 5	...	...
...	3·808	−23·534	− 5	..	...
...	+ 3·910	−24·291	− 1	...	...
...	4·230	−36·492	− 5	..	...
*	4·279	−12·320	1·35	43.8128	9·2
...	4·589	−18·035	− 5	...	...
...	4·703	−48·384	− 4	..	...
531					
...	+ 4·729	−47·965	− 5	...	...
...	4·885	+43·729	− 5	...	...
...	4·917	+45·836	− 2	...	...
...	4·936	−46·522	− 5	...	...
...	5·068	+34·292	− 5	...	...
...	+ 5·078	−53·706	− 2	...	...
...	5·095	+17·165	− 2	...	...
...	5·128	+41·701	− 4	...	...
†	5·272	−26·068	− 5	...	...
†	5·275	+14·915	0·85	...	...

541–600

Notes.	Co-ordinates x.	Co-ordinates y.	Diam.	C.P.D. No.	C.P.D. Mag.
541					
‡	+ 5·386	−21·883	1·10	43.8129	9·8
..	5·462	+40·650	− 5	...	...
..	5·543	+37·834	− 5	...	...
...	5·794	−42·471	− 5	...	...
*	6·067	+42·615	2·40	42.7812	8·2
†	+ 6·070	+49·965	− 5	...	.
...	6·073	+34·755	0·90	...	...
...	6·168	−24·582	− 2	.	.
...	6·172	+20·658	− 2	..	...
*	6·302	+43·042	0·95	..	...
551					
...	+ 6·769	+14·209	− 5	...	...
...	6·782	+20·545	− 4	...	...
*	7·204	−37·901	1·35	43.8130	9·3
..	7·222	−28·622	− 5	...	...
*	7·229	−15·528	1·25	43.8131	9·3
...	+ 7·972	−49·283	− 5	...	...
...	8·017	+39·602	− 5	...	...
...	8·094	+26·118	0·75	...	...
*	8·180	−55·519	1·30	43.8132	9·4
...	8·226	+24·744	− 5	...	...
561					
...	+ 8·330	−44·110	− 5	.	...
...	8·434	+40·377	− 5	..	..
...	8·645	−18·496	0·90	...	...
...	8·701	− 9·256	0·90	...	...
...	8·844	−15·935	− 5	...	...
...	+ 8·865	+51·325	− 5	...	...
...	8·893	−43·013	− 5	...	...
‡	8·915	−49·768	1·00	43.8133	9·8
*	8·983	+57·920	2·45	42.7813	8·2
...	9·055	+19·595	− 5	...	...
571					
...	+ 9·233	−43·840	− 5	..	...
...	9·280	− 6·456	0·80	..	...
..	9·462	+38·702	− 5	..	.
..	9·564	+14·080	− 1	...	.
..	9·668	−25·762	0·90	.	...
...	+ 9·791	+10·849	0·80	...	...
...	9·806	−25·669	− 5	...	.
...	10·022	+11·132	0·75	...	...
...	10·058	−35·896	− 5	...	...
*	10·145	−46·044	1·20	43.8134	9·6
581					
*	+10·203	−53·449	2·00	43.8135	8·9
..	10·399	−12·616	− 5	...	...
*	10·540	+38·000	1·00	...	...
...	10·615	− 4·453	− 5	...	...
...	10·618	−12·464	− 3	...	...
...	+10·936	+10·221	− 4	..	...
..	11·095	−14·979	− 2	...	...
..	11·278	+32·543	− 5	...	...
...	11·301	−10·217	− 5	...	...
...	11·452	−17·077	0·80	..	...
591					
...	+11·527	+26·875	− 5	...	...
...	11·534	−45·662	− 5	...	...
*	11·537	− 9·274	2·20	43.8136	8·6
...	11·640	+41·410	− 5	...	...
...	11·651	−57·984	0·65	...	...
...	+11·730	−50·970	− 5	..	...
*	12·125	+47·758	1·10	42.7814	9·6
...	12·134	+ 1·759	0·90	...	...
S *	12·237	−10·642	1·40	43.8137	8·9
...	12·264	+33·590	− 5	...	...

601–660

Notes.	Co-ordinates x.	Co-ordinates y.	Diam.	C.P.D. No	C.P.D. Mag.
601					
	+12·344	+37·899	− 5	..	...
...	12·355	−22·231	− 5	...	...
...	12·364	+27·390	− 5	...	...
*	12·481	+35·626	1·05	42.7816	9·6
...	12·518	−55·218	0·90	...	...
†	+12·550	+50·264	1·30	42.7815	9·2
...	12·782	+29·010	− 5	..	...
...	12·881	+36·714	− 5	...	...
...	12·885	−13·612	− 5	...	...
...	12·923	+34·742	− 3	..	...
611					
...	+13·065	+59·718	− 5	...	...
...	13·135	− 1·238	− 5	...	...
...	13·199	−22·981	− 4		...
*	13·280	− 3·074	1·20	43.8138	9·8
...	13·309	−16·077	− 5	.	...
†	+13·451	+20·165	− 1	..	..
†	13·679	−19·801	0·90	...	...
...	13·709	+48·906	− 5	.	...
...	13·923	+ 7·358	− 5	...	...
...	14·198	+ 2·262	− 5	a	...
621					
...	+14·269	−17·445	− 5	..	...
...	14·276	−23·582	− 5	.	...
...	14·711	−23·225	− 5	..	...
...	14·726	+34·881	− 5	...	...
...	14·809	− 6·288	− 5	...	...
...	+14·920	− 7·551	− 4	...	...
*	14·948	+40·381	3·30	42.7817	7·7
*	14·960	−35·000	1·40	43.8139	9·3
*	15·001	−36·913	1·00	...	...
...	15·130	−40·154	0·85	.	...
631					
...	+15·235	−54·977	0·65	...	...
*	15·647	+36·424	1·05	42.7818	9·6
...	15·721	−38·627	− 5		...
...	15·775	+34·458	− 5	.	..
...	15·843	−20·467	− 5	...	...
...	+16·047	−39·651	− 5	...	...
*	16·202	+23·090	1·30	42.7819	9·0
...	16·293	+ 1·477	− 3	..	...
..	16·433	+34·811	− 5	...	...
..	16·545	+ 8·110	− 2	...	...
641					
..	+16·546	−49·564	− 5	...	...
*	16·625	+54·218	1·05	42.7820	9·6
...	16·635	+40·330	− 1	...	...
...	16·824	−58·805	− 5	..	...
*	17·083	− 5·350	0·95	...	...
...	+17·100	+ 7·496	0·80	...	...
...	17·143	−16·955	− 4	...	...
†	17·180	+50·063	0·95	42.7821	9·6
†	17·218	−44·765	− 1	...	...
...	17·568	+38·564	0·90	...	...
651					
...	+17·594	−11·174	− 3		..
...	17·734	+17·277	− 5	...	...
*	17·837	+23·862	1·40	42.7822	8·9
...	17·925	+47·446	− 5	...	...
...	17·971	−20·101	0·90	...	...
...	+17·971	−48·176	0·85	...	...
...	18·235	−33·038	0·85	...	...
*	18·323	+16·564	1·20	42.7823	9·4
...	18·484	+34·503	− 5	...	...
...	18·575	−55·267	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
661–720					
661					
†	+18·698	+59·911	−5	...	...
...	18·815	+ 0·316	−5	a	
.	18·909	+ 7·978	−2	.	...
...	19·087	+ 1·816	−3		.
...	19·114	−20·392	−4	...	...
.	+19·121	−36·697	−1	...	.
.	19·125	−37·013	−5	...	...
...	19·129	−12·933	−5		...
...	19·239	−24·458	0·90	...	...
..	19·338	−28·244	0·80	...	...
671					
...	+19·388	+23·093	0·75	.	...
*	19·451	+35·506	1·15	42.7824	9·4
...	19·599	−48·241	0·90	. .	
..	19·617	−12·164	−5		...
..	19·697	−25·898	−5		...
.	+19·868	+27·371	−4	...	. .
	20·049	−32·131	0·80	...	
...	20·074	−12·990	−5	.	...
*	20·119	− 7·376	1·05	43.8141	9·8
...	20·122	+19·019	−5	...	...
681					
...	+20·199	− 4·224	0·70	...	...
*	20·438	−27·672	1·20	43.8142	9·6
...	20·448	+15·040	−4	...	..
...	20·536	+36·961	−4	.	...
	20·584	−46·409	−5		..
...	+20·677	+53·923	−5	.	. .
..	20·990	−27·601	0·85		...
	21·197	−18·308	−1	...	...
a	21·729	+ 0·223	1·00	42.7825	9·7
*	21·807	− 0·555	1·00	42.7826	9·7
691					
..	+21·931	− 4·688	−5	...	..
†	21·972	+35·045	−5		..
...	22·020	−45·532	0·65	...	...
*	22·218	−20·558	1·00		.
	22·225	−45·230	−5		...
	+22·278	− 9·140	0·85	.	...
.	22·324	+27·623	−5	...	
	22·539	+19·693	0·65		...
	22·772	+37·39[illegible]	−5	.	. .
...	23·155	−11·093	−4		...
701					
*	+23·222	−11·686	1·15	43.8143	9·6
.	23·275	−11·008	−5	.	...
	23·431	+ 5·455	−1	...	...
...	23·741	−53·055	−5	...	
	23·797	+44·029	−5		...
*	+24·031	− 0·152	1·10	42.7827	9·6
	24·151	−51·546	−1		...
...	24·405	−42·228	−5	...	...
.	24·444	+56·589	−5	..	...
*	24·466	−13·733	1·05	43.8144	9·8
711					
*	+24·586	+ 9·817	1·40	42.7828	8·8
*	24·734	−35·660	1·00	43.8145	9·8
...	24·773	−19·971	−2	...	...
	24·786	−39·696	0·90		. .
...	24·796	+19·987	−2		..
...	+24·[illegible]	+33·[illegible]	−5		...
...	24·901	+33·329	−5	...	
.	24·[illegible]	+ 3·133	−1	.	
	25·229	− 3·417	2·[illegible]	43.8146	9·5
.	25·409	−44·296	−2	...	...
721–780					
721					
...	+25·541	−30·293	−5	...	..
...	25·796	−16·769	−3		.
	25·865	−18·279	−5	..	.
.	25·961	− 0·810	−5	.	...
	26·267	+40·000	1·10	42.7829	9·6
...	+26·355	−19·950	−5	...	...
...	26·571	+ 0·075	−5	a	...
...	26·638	−10·047	−5	...	...
*	26·651	− 4·664	1·90	43.8147	9·0
...	26·785	−23·124	−3	...	...
731					
...	+26·796	− 9·997	−5	..	...
..	26·819	+44·171	−5	...	...
...	26·844	−19·060	−5	.	...
...	26·920	−11·818	−5	.	...
.	27·070	+27·375	−5		.
..	+27·108	+43·163	−5	...	...
...	27·257	−39·253	−5	.	
...	27·268	−17·808	0·90		. .
...	27·372	−42·051	−5		...
...	27·497	−39·939	0·80	...	...
741					
*	+27·589	−20·708	1·20	43.8148	9·5
...	27·700	−11·151	−5	.	...
	27·803	+ 5·314	0·95		...
...	27·914	−56·646	−5	..	...
	27·956	−19·534	−1	.	...
*	+28·021	− 7·300	1·20	43.8149	9·4
...	28·040	+41·975	−1	...	...
*	28·066	− 3·677	1·20	43.8150	9·4
...	28·089	− 0·696	−5	...	..
. .	28·250	−22·214	−5	..	...
751					
. .	+28·294	−58·813	−5	...	...
*	28·333	− 0·230	1·00	42.7830	9·7
...	28·383	−11·333	−5	...	...
. .	28·720	−23·567	−5	...	
	28·821	−21·974	−5		...
..	+29·057	−55·622	−5	...	. .
...	29·136	+37·815	0·75		
...	29·152	+ 4·675	0·90	...	...
*	29·211	+12·742	1·20	42.7831	9·6
..	29·313	−29·134	−5	...	...
761					
...	+29·318	− 5·844	−5	.	
*	29·327	−18·367	0·95	.	...
.	29·458	+ 3·038	0·65		
...	29·633	−39·063	−4	...	
	29·675	−19·527	−5		...
...	+29·792	+45·973	0·75	...	. .
	29·815	− 6·339	−5	.	.
S *	30·038	+ 9·043	2·60	42.7832	7·8
.	30·094	− 7·912	0·90	...	...
. .	30·125	−28·248	0·75		
771					
...	+30·144	− 5·179	−5	..	
†	30·288	−52·043	0·90	...	...
	30·315	+11·856	−5	.	.
*	30·425	−35·770	1·15	43.8151	9·6
	30·553	− 5·609	−5	...	...
	+30·958	+12·430	−4	...	...
*	30·998	+ 2·533	2·20	42.7833	8·3
*	31·032	−38·246	1·20	43.8152	9·5
	31·248	−56·101	−5	...	...
	31·282	+ 2·966	0·70	...	...
781–840					
781					
...	+31·365	− 2·687	−5	.	...
	31·381	+ 1·210	0·90		...
...	31·455	+ 5·391	0·90	.	. .
*	31·489	+41·010	1·00	42.7834	9·7
...	31·563	−19·593	−5		...
...	+31·644	−47·957	−2		
...	31·786	+ 8·992	−5	.	...
...	31·786	+ 3·344	−5	.	...
.	31·878	+55·327	−5		...
...	32·098	−10·287	−1	.	...
791					
S *	+32·202	−59·235	2·30	43.8153	8·6
..	32·242	− 2·625	−4		...
..	32·405	− 4·709	−1	.	...
.	32·480	+11·396	0·65		...
...	32·591	+15·640	0·75	.	...
*	+32·668	−38·442	1·25	43.8154	9·3
.	32·742	−13·587	0·70		..
...	32·801	−39·085	−5		..
..	32·866	+18·276	−2		...
..	32·881	−18·419	−2		.
801					
*	+32·884	−23·486	1·00		.
...	32·894	− 1·218	0·75	.	...
.	33·441	+ 0·376	−5		.
.	33·450	−10·166	0·85		...
..	33·481	− 8·066	−5	...	
...	+33·575	−43·302	0·70	.	...
	33·638	−31·721	−2		
*	33·683	+ 4·501	0·95		.
...	33·712	−25·192	−1	.	.
...	33·742	− 8·427	−5	.	...
811					
...	+33·764	+ 2·439	−5		.
...	33·860	−26·131	−2	...	...
*	33·864	−15·647	1·05	43.8155	9·6
...	33·900	+ 5·454	−4	...	...
..	34·062	+ 5·053	−5		...
...	+34·190	+32·186	−5		
...	34·231	−31·590	−5	a	.
...	34·366	− 8·472	−5	.	. .
*	34·401	− 3·791	1·00	.	...
...	34·447	−51·058	−5		. .
821					
.	+34·491	+36·307	−5	. .	..
..	34·503	+ 6·496	−2		
*	34·828	+28·322	1·15	42.7835	9·6
*	34·834	− 5·598	1·10	43.8156	9·6
...	34·894	−42·637	−5	...	...
...	+35·017	+14·483	−5	..	. .
...	35·040	+ 6·562	−5	...	...
.	35·112	−41·896	−4	...	.
¼	35·157	+18·707	1·20	42.7836	9·3
...	35·311	+56·066	−5		...
831					
.	+35·389	−31·760	−3		...
.	35·590	+55·369	−5	. .	.
*	35·655	+38·077	1·60	42.7837	9·0
...	35·665	+33·075	−3	...	...
...	35·694	−44·260	−4	..	
*	+35·767	+ 1·352	1·50	42.7839	8·9
..	35·844	+16·713	−5	..	...
.	36·020	+57·634	0·90	42.7838	9·6
...	36·157	−37·020	0·80	...	...
. .	36·173	+47·548	−5	..	. .

841–900

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 4.	C.P.D. No.	C.P.D. Mag.
841					
..	+36·250	− 1·586	− 4	...	...
.	36·411	−40·390	− 5	..	...
...	36·699	+14·458	− 5	...	...
*	36·722	−52·023	1·20	43.8157	9·6
...	36·808	+21·007	− 5		..
.	+37·009	−37·569	− 4	...	..
...	37·248	− 7·881	− 5		...
...	37·322	−14·392	0·90	..	.
...	37·517	−11·199	− 5	..	.
...	37·523	+ 4·232	0·80	...	...
851					
...	+37·594	−29·004	− 2	...	..
...	37·608	− 2·618	− 5	*h*	
..	38·053	−36·011	− 5		...
...	38·094	+51·021	0·90	.	.
...	39·226	+20·637	0·90	..	...
*	+39·304	− 5·249	1·40	43.8158	9·2
...	39·434	+33·882	0·95	...	...
...	39·526	− 9·934	0·90	.	
...	39·585	−51·702	− 4	..	..
...	39·765	− 7·003	0·75	...	...
861					
...	+39·943	−13·220	0·80	..	...
...	39·967	+ 7·424	− 1	.	...
...	40·340	−13·303	− 4		...
...	40·379	− 6·316	− 5	.	...
*	40·449	−13·576	1·20	43.8159	9·4
...	+40·726	−14·248	0·75	...	...
...	40·800	+ 3·027	− 5	...	...
n *	40·991	−20·884	1·80	43.8160	8·9
n	41·056	−20·735	− 1		
...	41·267	+ 8·283	− 5	...	...
871					
...	+41·583	− 0·987	− 5	...	.
.	41·589	+15·790	0·70	...	...
..	41·794	−52·871	− 4	...	...
*	41·835	+43·208	1·30	42.7840	9·3
...	41·963	+ 8·472	0·90	...	...
...	+41·987	+ 5·080	− 2	...	...
...	42·031	+52·759	− 5	...	...
*	42·085	−25·687	1·00	43.8161	9·8
.	42·109	−18·616	− 5	...	...
...	42·340	+ 1·395	− 5	.	...
881					
...	+42·347	−11·200	− 5	...	..
...	42·388	−57·591	− 5	.	...
...	42·622	−42·395	1·10	43.8162	9·8
*	42·791	+24·611	1·10	42.7841	9·6
...	43·005	−31·946	− 5	...	...
...	+43·082	+39·615	− 1	.	...
...	43·216	− 9·370	− 5	...	...
...	43·222	+26·300	0·90	...	...
*	43·327	+ 5·592	1·00	...	
...	43·422	− 4·468	0·65	...	..
891					
*	+43·507	+41·417	1·20	42.7842	9·5
N	43·597	−53·493	− 4	...	...
N	43·632	−53·529	− 4	.	..
...	43·806	−20·783	− 5	...	...
...	43·977	−31·489	− 5	...	...
*	+44·487	−40·382	1·40	43.8163	9·3
...	44·573	+51·713	− 5	...	...
...	44·856	−13·911	− 4	...	...
*	45·124	−33·241	1·20	43.8164	9·5
...	45·392	+15·734	− 4	...	...

901–960

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
901					
.	+45·544	+36·671	− 5	...	...
...	45·618	+ 7·841	0·90		...
	45·629	+46·002	− 3		
..	45·736	−16·024	0·75	.	.
*	45·962	−13·496	1·30	43.8166	9·5
*	+46·050	+14·446	1·40	42.7843	8·8
..	46·154	+ 0·654	− 5	..	...
...	46·222	+43·512	− 1	.	...
...	46·308	+12·288	− 5	...	...
S *	46·409	+18·942	2·50	42.7844	8·0
911					
...	+46·505	−36·399	− 5	...	..
...	46·553	+ 6·507	− 5	..	...
..	46·672	−34·382	− 2	.	...
...	46·732	−27·072	− 5	...	..
.	46·753	− 6·936	− 5	.	...
...	+46·825	+51·816	0·80	42.7845	9·7
*	46·978	+42·673	1·05	42.7846	9·6
...	47·212	− 4·664	− 5	...	...
...	47·249	+25·499	− 4	...	...
S ‡	47·342	−34·792	1·55	43.8167	9·1
921					
...	+47·561	+28·758	− 5	..	...
...	47·566	+29·220	− 4	..	...
..	47·704	− 5·557	0·90	.	...
..	47·847	−12·027	− 5	...	...
...	47·887	+21·440	0·85	...	...
*	+48·001	+ 3·963	2·40	42.7847	8·1
..	48·133	− 6·389	− 5	..	...
...	48·152	+18·216	0·65	.	...
.	48·346	−30·970	− 5	.	..
...	48·365	+24·651	0·85	.	..
931					
..	+48·444	−51·328	− 5		...
...	48·488	+11·818	− 5	...	..
.	48·558	+ 8·700	− 5	...	...
..	48·563	−41·749	− 5	.	..
*	48·610	+ 1·967	0·95	...	...
*	+48·831	+ 5·318	1·25	42.7848	9·3
*	48·863	− 1·370	1·10	43.8168	9·6
...	49·170	−28·472	0·75	.	...
...	49·173	+ 2·066	− 1	...	...
...	49·263	+27·407	− 4	..	
941					
...	+49·286	+11·760	− 5	...	...
...	49·485	−20·209	− 5	...	...
..	49·600	+32·908	− 5	...	.
..	49·743	+17·495	− 5	...	..
*	49·829	−37·917	1·35	43.8169	9·3
*	+50·051	−15·126	0·95	...	...
†	50·204	+24·005	− 2		...
.	50·358	− 7·919	− 5	..	...
...	50·375	+ 8·034	− 5	...	...
...	50·396	−38·426	− 5	...	...
951					
...	+50·449	+43·476	0·65	...	...
...	50·606	−50·274	− 5	.	...
.	50·631	− 7·678	− 4	.	...
...	50·700	+22·138	− 5	...	...
*	51·121	+28·008	1·05	42.7849	9·7
*	+51·269	+13·280	1·05	...	...
*	51·356	−47·309	1·30	43.8170	9·4
..	51·385	−37·405	− 3	...	..
...	51·419	−50·554	− 5	...	...
...	51·521	−12·917	0·80	...	...

961–1020

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 4.	C.P.D. No.	C.P.D. Mag.
961					
..	+51·544	+54·241	0·90	42.7850	9·6
*	51·677	+36·172	1·45	42.7851	8·9
...	51·865	+ 9·725	0·90	...	...
...	51·914	−51·502	− 5	...	...
...	51·926	− 5·240	− 5	..	..
...	+51·957	+23·001	− 4	...	.
...	52·289	−40·814	− 2	...	..
.	52·295	− 9·987	− 5	.	..
...	52·387	−17·017	− 5	...	...
*	52·568	−22·932	1·10	..	...
971					
..	+52·589	+ 4·415	0·75	.	...
...	52·720	−17·370	− 5		...
...	52·881	+16·395	− 5		...
...	52·910	−56·108	− 4	.	...
...	52·987	− 7·889	0·75		...
.	+53·057	−13·692	− 5	..	...
...	53·288	+39·487	− 5	..	...
...	53·332	−12·809	0·90	...	...
..	53·372	−14·477	− 5	...	...
...	53·420	+18·325	− 1	.	...
981					
...	+53·803	−40·893	− 5	...	...
*	53·824	+50·354	1·30	42.7852	9·2
†	53·968	+54·975	− 2	...	...
...	54·156	+40·631	− 5	...	...
..	54·448	− 9·696	− 1	...	...
*	+54·651	−45·332	1·00	43.8171	9·8
...	54·704	+40·774	− 5	...	...
.	54·792	+56·561	0·85	42.7853	9·6
...	54·839	−29·117	− 5	...	...
*	54·866	− 8·630	1·10	43.8172	9·6
991					
...	+54·960	−40·302	− 5	...	...
*	55·042	−23·277	1·10	43.8173	9·8
...	55·061	− 1·960	− 5	...	...
*	55·297	−16·437	1·25	43.8174	9·6
...	55·526	−35·463	− 5	..	..
...	+55·701	−16·671	0·70		...
...	55·714	−28·700	− 5	...	...
...	55·833	−22·052	0·90	...	...
...	55·852	− 2·027	0·85	...	...
...	55·855	−53·497	0·90	43.8175	9·8
1001					
...	+55·914	− 1·896	− 5	..	...
*	56·125	+40·835	1·20	42.7854	9·6
...	56·211	− 9·297	0·80	...	...
*	56·368	+ 3·530	7·00	42.7856	4·8
...	56·603	+57·077	0·85	42.7855	9·6
...	+56·708	−13·511	− 1	...	...
...	56·887	+46·207	− 4	...	...
...	57·060	−12·229	− 4	...	...
...	57·175	+ 7·896	− 4	...	...
...	57·430	−23·301	− 5	..	...
1011					
*	+57·724	−43·061	1·45	43.8176	9·3
...	57·823	−50·007	− 5	...	...
...	57·855	−35·450	− 1	...	...
...	58·124	−18·980	− 5	...	...
...	58·276	−59·198	− 5	...	...
...	+58·585	+ 8·827	0·95	42.7857	9·7
...	58·715	+54·810	− 5	...	...
...	58·856	+16·695	0·90	...	...
...	58·897	+19·876	− 5	...	...
...	59·327	− 1·934	0·85	...	...

868, 869, C.P.D., probably mass.

892, 893. 44°·106, no sign of duplicity.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.
1021–1025					
1021					
...	+59·347	−42·848	− 5	...	...
...	59·451	+29·429	− 5	...	...
...	59·487	−44·558	− 4	...	...
...	59·556	+17·195	− 5	...	...
...	59·561	−25·673	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.
1–40					
1					
*	−59·462	+27·904	1·00	42·7849	9·7
*	59·244	−15·256	0·95	...	...
...	59·138	− 8·032	− 4	...	...
*	59·129	+36·074	1·45	42·7851	8·9
..	58·873	− 7·797	− 3	...	...
...	−58·856	+13·174	1·00	...	...
*	58·773	−38·050	1·40	43·8169	9·3
...	58·656	− 7·829	− 5	...	...
...	58·601	− 3·477	− 5	..	...
...	58·467	+22·918	− 4	...	...
11					
...	−58·180	−38·534	− 5	...	..
...	58·168	+ 9·645	0·90	..	...
...	57·978	+ 6·604	− 5	..	...
...	57·824	−13·003	0·75	..	..
.	57·662	− 5·310	− 5		...
...	−57·647	+39·448	− 5	...	...
...	57·621	−50·355	− 5	..	..
*	57·425	+50·321	1·20	42·7852	9·2
...	57·404	+54·947	− 5	...	..
...	57·363	+16·340	− 5	...	..
21					
.	−57·271	+ 4·361	0·85		..
..	57·228	−37·477	− 3	...	...
..	57·145	−10·054	− 4	...	...
..	57·102	−20·620	− 5	...	...
*	56·958	−47·390	1·40	43·8170	9·4
.	−56·869	+18·285	− 2		...
.	56·841	−17·074	− 5		...
...	56·821	−50·638	− 5	...	..
.	56·820	+ 8·838	− 5	.	...
..	56·790	+40·590	− 5	.	...
31					
..	−56·684	−25·250	− 5	.	...
.	56·651	+50·559	− 2	42·7853	9·6
...	56·565	−26·494	− 5	..	.
.	56·518	− 7·940	1·00	..	...
.	56·494	−17·424	− 5	..	..
*	−56·483	−22·991	1·15	...	...
.	56·364	−37·457	− 5	.	...
...	56·346	+20·774	− 5		
	56·325	+42·759	− 5	..	
...	56·295	−13·730	− 5	...	...
41					
...	−56·270	−51·560	− 5	...	...
...	56·262	+40·766	− 4	...	...
...	56·225	−40·872	− 1	...	..
...	56·028	−12·844	0·95	..	...
...	55·938	−14·508	− 3	...	...
...	−55·146	−56·129	− 5	...	..
...	54·996	− 9·702	0·85	...	...
...	54·879	+32·980	− 5	...	...
...	54·861	+57·105	0·65	42·7855	9·6
*	54·839	+40·866	1·15	42·7854	9·6
51					
...	−54·706	−40·894	− 5	...	...
½	54·613	− 8·633	1·15	43·8172	9·6
†	54·600	− 1·938	− 5	...	...
...	54·248	+46·258	− 3	...	...
...	54·022	−29·111	− 4	...	...
*	−53·992	−23·268	1·15	43·8173	9·8
*	53·939	−16·414	1·20	43·8174	9·6
...	53·833	− 1·990	0·90	...	...
...	53·757	− 1·854	− 4	...	...
.	53·715	−45·308	1·00	43·8171	9·8
61					
...	−53·573	−40·281	− 5	...	...
*	53·542	−16·633	0·90	...	..
.	53·448	+ 3·584	7·00	42·7856	4·8
..	53·348	−50·206	− 5	..	...
*	53·251	−22·005	1·00	...	..
...	−53·240	− 9·248	0·90	.	...
.	53·232	−18·165	− 5	.	...
...	53·165	−28·670	− 5	...	..
...	53·154	−35·423	− 2	...	..
...	52·928	− 7·468	− 5		...
71					
..	−52·805	+ 7·962	− 2	...	
½	52·676	+54·931	− 5	..	..
..	52·653	−26·038	− 5	...	...
.	52·623	−13·445	0·80	..	..
..	52·314	−12·156	− 1	...	...
*	−52·264	−53·433	1·00	43·8175	9·8
...	52·109	−56·731	− 5		..
.	51·616	−23·203	− 4	..	.
½	51·423	+20·014	− 5		...
*	51·417	+ 8·935	1·00	42·7857	9·7
81					
*	−51·375	+16·812	1·00		..
...	51·296	+ 7·430	− 5	...	...
...	51·159	+29·562	− 5	..	...
...	51·045	−18·866	− 1	...	..
..	50·982	+ 1·977	− 5		..
...	−50·901	+ 8·318	− 5	...	...
...	50·818	−35·346	0·90	...	...
*	50·724	−42·955	1·40	43·8176	9·3
...	50·718	+ 2·569	− 5	...	..
...	50·688	+17·332	− 3	.	..
91					
...	−50·620	− 8·853	− 5	...	..
†	50·420	−49·880	− 4	...	...
...	50·353	+24·531	− 5		..
...	50·344	− 1·803	0·90	..	...
*	49·991	+40·112	1·30	42·7858	9·3
...	−49·701	−59·067	− 5	...	...
...	49·407	−25·528	− 3	...	...
*	49·292	+32·387	1·25	42·7859	9·4
..	49·261	+ 1·359	0·80	..	...
...	49·170	+ 3·453	− 2	..	...
101					
...	−49·102	−42·682	− 4		...
...	48·924	−44·403	− 3	...	...
...	48·891	+25·687	− 5	...	...
...	48·868	+40·550	− 5	...	...
*	48·549	+31·050	1·30	42·7860	9·4
..	−48·421	+47·214	− 5	...	...
.	48·405	−31·042	− 5	...	...
†	48·248	+ 5·049	− 5	...	...
..	48·201	+13·645	− 4	B	...
...	48·196	+35·556	− 5	...	...
111					
.	−48·104	−14·248	0·90	...	.
*	48·082	−43·144	1·35	43·8177	9·2
...	48·068	−29·789	− 2	...	...
*	48·024	−17·109	1·10	43·8178	9·8
...	47·943	+12·332	− 5	...	...
...	−47·725	+ 8·028	0·65	...	..
...	47·675	−15·414	− 5	...	..
.	47·455	+ 4·351	− 1	...	...
S	47·356	+29·980	2·65	42·7861	7·6
...	47·271	−43·221	0·85	...	...

S measured from 1, 270, 608, 1118.
SB .. .., 269, 510, 903.
Measures very rough: many stars altered as a result of comparison with 42° and 44°.

121–180

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3	C.P.D. No.	C.P.D. Mag.
121					
...	−47·242	+ 5·360	− 5	.	...
...	47·136	+ 8·246	0·65	.	.
..	47·114	− 8·275	0·65	..	..
...	46·674	+54·037	− 4	...	..
...	46·653	− 7·292	− 3	..	..
...	−46·626	−44·129	− 3	..	..
...	46·572	+30·858	− 2	...	..
..	46·560	+38·369	− 4	...	.
...	46·484	−52·357	− 5	.	..
...	46·363	− 5·940	− 3	.	...
131					
...	−46·186	+13·646	− 2	..	..
*	46·152	−45·370	1·00	...	.
†	46·106	−19·964	− 4	..	...
...	46·098	+25·158	− 5	.	..
...	46·074	−37·571	− 5	...	...
...	−46·041	+51·570	1·00	42.7863	9·7
.	45·943	−33·594	0·85	...	...
...	45·932	−14·714	− 5	...	...
*	45·917	− 3·301	1·10	43.8179	9·8
*	45·879	− 5·815	0·95	...	...
141					
...	−45·795	−45·397	− 1	...	...
...	45·730	−33·418	− 5	..	...
...	45·588	− 3·486	− 5	...	...
*	45·497	+ 8·840	1·10	42.7862	9·6
...	45·451	+51·464	− 2	...	...
...	−45·372	− 1·082	− 5	.	.
...	45·309	−12·025	− 5	.	...
..	45·306	−42·014	− 5	.	...
...	45·299	−50·203	− 5	...	...
*	44·937	− 1·277	1·00	..	...
151					
...	−44·763	+13·692	0·65	...	...
*	44·693	+14·105	1·05	42.7864	9·5
†	44·631	−23·977	− 4	...	...
...	44·593	− 7·477	− 2	.	
...	44·570	−29·185	0·90	...	..
...	−44·563	−20·273	− 4	...	...
...	44·465	− 8·770	− 5	...	...
*	44·391	+10·668	4·20	42.7865	6·9
*	44·343	−42·649	1·45	43.8181	9·3
...	44·317	+45·284	− 5	...	...
161					
...	−44·278	− 1·188	− 5	...	...
*	44·230	+38·065	1·45	42.7866	9·2
...	44·051	−30·951	− 4	...	...
...	43·899	−58·936	− 5	...	..
...	43·858	−28·061	− 5		.
...	−43·780	+31·467	− 5	...	...
...	43·685	−41·220	− 3	.	.
...	43·445	+10·437	− 5	...	...
†	43·316	−24·915	− 5	...	...
...	43·148	−30·358	− 1	...	...
171					
..	−42·932	+52·163	− 5	...	...
*	42·746	+ 4·838	1·30	42.7867	9·2
*	42·695	−26·160	1·20	43.8182	9·4
*	42·523	+12·649	1·15	42.7868	9·6
...	42·510	−20·289	− 4	...	...
...	−42·491	−47·562	− 5	M	...
..	42·421	−33·602	0·80	...	..
...	42·349	−12·643	− 5	...	...
...	42·250	+12·100	− 5	..	...
*	42·165	−50·881	0·95	...	...

181–240

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 3.	C.P.D. No.	C.P.D. Mag.
181					
..	−42·083	−39·550	0·95	43.8183	9·8
...	41·548	+19·020	− 2	..	...
..	41·474	−46·295	− 5	...	...
.	41·112	+30·893	− 5	...	...
	41·078	−19·371	− 1	...	...
..	−40·864	−20·203	− 5	...	...
*	40·710	−22·131	1·10	43.8184	9·8
...	40·678	− 2·834	− 5	M	...
...	40·531	+12·357	− 5	...	...
...	40·519	+32·574	0·65	...	...
191					
...	−40·446	+33·403	− 3	..	...
.	40·419	−44·721	− 5	M	...
..	40·411	+ 1·951	− 5	...	...
	40·390	+12·363	− 1	...	...
...	40·381	+ 0·957	− 5	A	...
*	−40·372	− 13·285	1·00	...	...
...	40·283	+42·788	− 4		...
...	40·263	−15·941	− 5	..	...
..	40·167	−44·708	− 5	...	...
...	40·155	− 1·079	− 5	M	...
201					
..	−40·115	−37·042	− 5	M	...
...	40·028	+18·574	− 5	..	...
...	39·919	+17·231	− 5	..	...
...	39·878	+15·760	− 5	.	...
.	39·835	−32·929	− 5	...	..
...	−39·825	−46·543	− 4	...	...
.	39·766	−30·280	− 4	.	...
†	39·756	+ 6·061	− 4	...	...
*	39·565	− 8·607	1·20	43.8185	9·8
...	39·430	+44·410	− 4	...	.
211					
..	−39·318	−42·267	− 5	M	...
. .	39·292	− 9·796	− 3	...	.
...	39·291	+17·400	− 5	...	...
*	39·179	+19·446	3·10	42.7869	7·4
..	39·102	+25·794	− 4	..	...
...	−38·866	+ 9·530	0·70	..	...
*	38·830	−16·707	1·00	...	...
...	38·814	+ 3·460	− 3	...	...
...	38·728	+44·697	− 4	..	...
*	38·561	−13·039	1·00	..	...
221					
...	−38·484	+ 1·162	− 3	..	...
..	38·354	− 8·185	− 4	...	...
...	38·106	−41·778	− 5	..	...
...	38·102	−17·867	− 4	...	...
...	38·048	− 5·468	− 3	. .	...
...	−38·020	−18·429	− 4	...	...
...	37·996	−17·248	− 5	M	. .
...	37·969	− 4·581	− 4	...	...
†	37·950	−54·819	− 5	...	...
...	37·934	+11·379	− 5	B	...
231					
*	−37·745	+39·050	1·30	42.7870	9·6
...	37·589	+34·582	− 5	..	..
...	37·571	+ 7·201	0·70		.
...	37·550	+52·476	− 3	...	...
..	37·504	−45·032	− 5	...	...
...	−37·454	+ 6·618	− 4	..	...
...	37·236	+19·865	− 4	...	...
...	37·184	+ 0·712	− 4	..	.
...	37·148	−43·677	0·95	...	...
..	37·119	− 0·529	− 5	...	...

241–300

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D No.	C.P.D Mag.
241					
...	−37·063	−17·997	− 4	...	...
*	37·027	+10·960	1·20	42.7871	9·6
*	37·016	−14·077	1·00	...	...
..	37·013	−33·542	− 5	M	..
...	36·798	−19·534	− 4	..	...
*	−36·685	−18·677	0 95	...	...
†	36·630	− 4·894	− 3	...	...
...	36·591	+17·035	0·80	...	...
...	36·493	−10·283	− 4	...	...
*	36·484	+ 5·625	1·00	...	...
251					
...	−36·363	+40·377	− 2	.	...
...	36·296	−20·486	− 5	M	...
*	36·230	+36·492	1·50	42.7872	9·1
...	36·010	−27·341	0·65	..	.
..	35·849	+48·030	− 3	..	...
...	−35·847	+16·644	− 5	...	...
...	35·725	+35·387	− 5	...	...
..	35·723	+52·630	− 5	...	...
...	35·695	−14·610	− 4	...	...
...	35·643	+43·403	− 5	...	...
261					
...	−35·405	+32·180	− 5	.	...
...	35·368	−58·108	− 5	...	...
...	35·366	−11·030	− 5	..	...
...	35·349	−50·666	− 5	M	
..	35·212	− 7·337	− 5	...	..
...	−35·040	−29·569	− 5	...	...
*	34·876	+14·101	1·60	42.7873	8·8
...	34·764	+ 1·395	− 5	...	...
S ‡	34·721	− 5·053	2·50	43.8186	8·1
‡	34·672	+23·640	1·00	...	...
271					
†	−34·621	−15·994	0·80	...	...
.	34·538	−47·864	− 5	M	...
...	34·491	− 5·553	− 5	...	..
...	34·479	−18·325	− 5	. .	...
...	34·463	+ 8·370	− 5		...
...	−34·462	+44·484	− 5		...
...	34·324	+12·515	− 3	...	...
*	34·151	−17·972	1·00	43.8187	9·8
...	34·069	+33·407	− 5	...	...
†	33·865	−49·789	− 3	...	...
281					
...	−33·831	+33·975	− 1	...	. .
...	33·780	+25·455	− 5		...
...	33·575	− 3·796	− 4	...	...
..	33·534	+10·907	− 2	.	. .
...	33·332	−37·971	− 5		...
...	−33·213	−25·826	0·90	.	...
*	33·207	+56·021	1·15	42.7875	9·5
*	33·193	+33·727	1·05	42.7874	9·5
...	33·192	+12·073	− 3	...	...
*	33·115	−26·709	1·20	43.8188	9·6
291					
...	−33·083	+32·905	− 5	...	...
...	33·059	−43·571	0·65	...	...
...	33·005	−29·391	− 5	...	...
..	32·973	−40·732	− 5	M	.
. .	32·907	+12·260	− 5	M	..
*	−32·886	+31·335	1·10	...	...
...	32·829	−49·954	− 5	M	...
...	32·557	− 7·944	− 5	...	. .
...	32·491	+48·251	− 5	...	...
...	32·009	−31·957	− 5	...	...

Notes	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
301 360					
301					
...	−31·740	−53·554	0·90	...	...
	31·735	+47·640	− 5	.	
..	31·406	− 3·761	0·80		.
..	31·305	+ 4·589	0·90	..	...
...	31·297	−32·505	− 5	M	...
	−31·267	−22·518	−·5	M	...
*	31·230	− 6·459	1·70	43.8190	8·8
.	30·969	+ 6·046	− 5	M	...
	30·819	− 8·660	− 5	...	...
...	30·802	+12·200	− 5	M	...
311					
...	−30·776	+45·687	− 5	...	...
*	30·588	−59·344	1·00	43.8189	9·8
	30·516	+30·745	− 5	...	...
...	30·441	−43·941	0·90	..	...
*	30·366	+25·527	1·20	42.7876	9·5
..	−30·274	−43·412	0·90	...	..
.	30·220	−12·337	− 4	...	...
...	30·056	+ 3·247	− 5	M	..
...	30·017	−30·151	0·80	...	...
..	29·843	+12·731	− 2	...	..
321					
*	−29·581	+49·228	1·45	42.7877	9·1
..	29·565	+26·381	− 5	...	...
...	29·464	− 8·746	0·70		...
.	29·427	+ 2·658	− 4		..
...	29·386	+53·229	0·75	..	..
...	−29·327	−29·594	0·65	..	..
.	29·288	+43·270	− 5	.	.
..	29·276	+37·052	− 3		...
...	29·222	+ 9·543	− 5	...	...
S *	29·143	−48·147	2·80	43.8191	8·1
331					
S *	−28·993	+ 4·714	2·35	42.7878	8·0
...	28·795	−32·315	− 2	...	...
	28·794	−46·865	− 5	M	.
	28·766	+ 3·453	1·00	...	...
*	28·707	+17·163	1·10	42.7879	8·4
.	−28·658	+17·073	1·60		
	28·644	−37·332	− 5		...
	28·469	+ 7·504	− 5	...	...
*	28·460	−15·796	1·00	.	.
...	28·199	−34·992	− 4	.	...
341					
*	−28·112	−47·749	1·25	43.8192	9·5
	28·004	+ 6·160	− 5	M	..
	27·904	− 0·682	0·95	...	...
..	27·886	+53·831	− 5	...	...
*	27·878	+36·260	1·35	42.7880	9·3
.	−27·876	− 6·434	− 5	M	...
	27·849	+ 5·144	− 3	..	...
	27·801	+26·503	− 5	...	...
*	27·623	+50·964	1·35	42.7881	9·2
*	27·593	+23·919	1·00	..	...
351					
	−27·561	−57·850	− 4	...	...
*	27·558	−21·235	1·05	43.8193	9·6
	27·532	−43·311	− 3	...	
	27·428	+25·046	− 5	..	...
	27·424	−49·291	− 5	M	..
	−27·329	+16·788	0·75	...	
...	27·308	− 3·010	0·65	...	..
...	27·228	+ 1·153	− 5	M	..
	27·158	−52·355	− 4	...	...
...	27·128	− 2·139	− 1	.	.

Notes	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
361 420					
361					
.	−27·127	−11·463	− 5	M	...
...	26·795	−56·076	− 5		...
.	26·695	−10·151	− 3	...	..
...	26·572	−35·151	0·90	43.8194	9·8
...	26·533	−23·964	− 1	...	...
...	−26·515	− 6·672	0·85		.
..	26·461	−20·649	− 5		...
..	26·373	−58·800	− 4		...
..	26·338	−35·220	− 5	..	...
...	26·303	+14·135	− 5	..	..
371					
...	−26·297	−48·923	− 5	M	...
.	26·274	−40·051	− 5	M	...
...	26·117	+31·163	− 5	...	...
*	26·088	+10·977	1·00	42.7882	9·7
.	26·008	−55·236	− 5	...	...
*	−25·941	+59·134	2·60	41.8123	8·3
...	25·861	−22·996	− 2	...	...
	25·701	+21·224	− 5	A	...
..	25·701	−51·950	− 5	...	...
*	25·652	−12·776	1·35	43.8195	9·0
381					
...	−25·590	+55·913	− 5	...	...
..	25·499	+20·828	− 5	...	...
.	25·476	−28·611	− 5	M	...
...	25·358	+49·380	0·85	..	...
...	25·355	−57·670	− 5	..	...
.	−25·293	+ 0·619	0·85	.	.
...	25·135	+34·436	− 5	...	..
...	25·089	− 5·428	− 4	A	...
..	24·957	−43·005	− 3	..	...
..	24·920	+56·913	− 4		...
391					
..	−24·912	−52·797	− 5	...	.
..	24·893	−36·098	− 4	.	...
†	24·691	− 0·919	0·85	.	...
...	24·650	− 7·988	− 5	...	...
..	24·626	−50·367	0·90	..	...
..	−24·409	−28·723	− 3	..	...
...	24·303	+13·847	− 5	M	..
..	24·266	− 8·222	− 5	M	...
...	24·054	− 5·108	− 4	...	...
...	24·022	+46·624	− 5	...	...
401					
*	−23·885	−24·757	1·30	43.8196	9·3
...	23·879	− 9·154	− 5	M	...
...	23·721	+28·946	− 5	...	...
*	23·663	− 9·659	1·20	43.8197	9·5
	23·583	+27·453	0·80	...	...
	−23·029	− 1·078	− 5	...	...
.	22·847	−34·270	0·90	...	...
*	22·771	−40·284	1·55	43.8198	8·8
...	22·620	+53·174	− 4	...	...
..	22·574	+16·958	− 5	...	...
411					
..	−22·535	− 8·351	− 5	M	...
*	22·518	+41·129	1·35	42.7883	9·4
	22·441	−24·040	− 5		
	22·433	− 4·665	0·75	...	...
	22·336	+36·795	− 4	...	.
	−22·301	+19·345	− 5	..	...
.	22·221	+31·051	− 5		...
..	22·178	+22·519	− 5	.	..
*	22·093	+17·791	1·00	...	...
*	21·862	−18·858	1·00	43.8199	9·8

Notes	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
421 480					
421					
...	−21·642	+56·880	− 5	...	...
...	21·528	−17·114	− 5	M	..
...	21·524	+14·226	− 5	...	..
..	21·458	−21·795	− 5	..	...
*	21·444	+30·223	1·15	42.7884	9·6
..	−21·435	−43·053	− 5	...	...
..	21·419	+35·839	− 5	A	...
..	21·413	− 0·312	− 5	M	...
..	21·043	−34·394	− 5		...
...	21·024	+46·979	− 5		...
431					
...	−20·793	+41·467	− 5		...
...	20·778	−34·520	− 4		..
...	20·760	+53·972	− 5	.	..
...	20·733	+16·186	− 5	...	...
..	20·195	−35·088	− 4	...	...
...	−20·139	+13·407	− 5	...	...
...	20·000	− 1·909	− 5	M	..
.	19·977	+ 1·306	− 5	...	...
*	19·886	+32·542	1·00	...	...
†	19·804	+45·334	0·90	42.7885	9·7
441					
†	−19·702	−35·737	0·85	..	...
...	19·600	+33·386	− 5		...
...	19·600	+10·136	− 4	..	...
..	19·580	−31·735	− 5	...	...
..	19·557	−22·682	− 5	M	...
.	−19·555	−48·636	0·75	...	...
..	19·548	−11·263	− 2	...	...
...	19·546	+ 0·789	0·85	...	...
..	19·496	− 0·819	0·85		...
*	19·441	−48·392	2·10	43.8200	8·5
451					
...	−19·398	+36·268	− 5	...	...
...	19·238	−36·465	− 5	...	...
...	19·053	+35·375	− 5	...	...
*	19·006	−13·109	1·35	43.8201	9·2
...	18·995	− 9·343	− 2	...	...
*	−18·908	+23·532	1·10		...
...	18·873	+ 9·813	− 5		...
..	18·792	− 2·636	0·65	...	..
...	18·774	−40·436	− 1	...	..
...	18·753	+43·448	− 5	...	...
461					
..	−18·646	− 3·129	− 5	...	...
...	18·565	−55·991	− 5	M	...
*	18·349	+45·704	1·15	42.7886	9·6
...	18·341	+40·812	0·85	...	...
*	18·143	−35·924	1·35	43.8202	9·0
...	−17·935	−43·144	0·85	...	...
†	17·769	+19·979	− 5	...	...
...	17·723	−33·456	− 3	..	...
..	17·621	−50·383	− 4	...	...
...	17·493	−40·870	− 5	..	...
471					
...	−17·392	−37·367	− 5	...	...
...	17·378	− 3·811	− 5	...	...
..	17·361	+33·095	− 5	..	...
..	17·320	+41·274	− 5	.	...
...	17·320	+12·344	− 5	M	..
...	−17·250	−16·109	− 5	...	...
...	17·224	−18·631	− 4	...	...
...	16·967	−23·232	− 5	..	...
...	16·964	+15·623	− 5	...	...
...	16·822	+20·184	− 5	B	...

481 540

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
481					
...	−16·736	−43·482	0·90	...	...
.	16·733	−44·220	0·90	.	
...	16·619	+40·059	− 5	...	...
*	16·592	+ 8·648	1·35	42.7887	8·−
...	16·547	−28·970	0·90	..	..
..	−16·463	+59·072	− 4		.
..	16·349	+11·573	− 3		.
...	16·347	−54·219	0·75		
...	16·209	−44·695	− 5	..	
...	16·147	+55·784	− 2	..	.
491					
...	−15·995	+26·927	0·80	...	...
...	15·935	−35·372	− 3	.	...
...	15·890	−33·623	− 1	...	..
†	15·804	+34·989	− 5	.	..
...	15·767	+ 5·953	− 5	...	...
...	−15·701	−36·946	− 5	..	...
*	15·686	+22·017	1·00	...	..
...	15·680	− 5·263	− 5	...	...
...	15·537	−43·859	− 5	. .	...
...	15·526	−59·423	− 5	...	.
501					
...	−15·381	−42·865	− 5	...	...
*	15·334	−38·51[illegible]	1·05	43.8203	9·6
*	15·317	+16·976	1·05	42.7888	9·6
...	15·297	−52·997	− 1	...	...
†	15·212	−39·885	− 5	.	...
...	−15·201	+33·462	− 5	..	
...	15·162	− 3·561	− 5	M	
.	15·048	+ 8·206	− 5	M	...
..	15·023	−57·249	− 5	...	...
...	14·503	−41·170	− 5	M	
511					
...	−14·379	−40·871	− 3	...	.
.	14·248	+51·471	− 5	..	..
..	14·137	+ 5·255	− 1	...	..
...	14·127	+50·953	0·65	. .	...
...	14·120	+45·657	− 1	...	...
*	−13·995	−22·466	1·00	43.8204	9·8
...	13·814	+43·946	− 5	...	..
...	13·723	−34·297	− 5	...	..
*	13·663	−10·707	1·00	..	...
. .	13·524	−48·556	− 5	M	..
521					
...	−13·479	+39·305	− 5	...	...
...	13·471	−45·981	− 5	M	
...	13·444	+53·032	− 3	.	...
...	13·251	+39·846	− 4		..
...	13·198	+ 6·979	0·65	..	.
	−13·153	− 8·048	− 5	...	.
..	13·087	− 2·989	− 5	M	...
...	13·033	−45·600	− 4	A	..
*	12·909	−13·892	1·25	43.8205	9·4
...	12·847	−13·351	− 5	M	...
531					
...	−12·805	−40·748	− 4	...	...
...	12·800	+35·990	− 1	...	..
...	12·713	−12·719	− 5	M	
...	12·694	+32·812	− 4	...	.
..	12·423	+48·482	− 5	...	...
*	−12·375	+37·757	1·15	42.7889	9·6
...	12·259	−23·943	− 5	...	..
...	12·241	− 1·837	− 5	M	...
...	12·199	− 5·220	− 3	...	...
..	12·093	+59·748	− 2	.	...

541 600

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
541					
	−12·037	+52·287	− 5	...	...
.	11·944	+13·078	0·75	...	...
*	11·919	−34·35	1·30	43.8207	9·2
*	11·888	−44·258	1·10	43.8206	9·8
	11·788	−39·350	− 5	M	..
	−11·738	+ 2·876	− 2	...	...
.	11·723	−49·192	− 5	M	.
	11·713	+15·393	− 3	.	.
...	11·538	+23·921	− 5	B	
*	11·468	−53·910	1·10	..	...
551					
...	−11·397	−48·170	− 3	..	...
S *	11·384	+36·889	2·05	42.7890	8·4
...	11·361	+58·261	− 5	...	...
...	11·349	+ 3·348	− 5	M	...
.	11·259	− 9·799	− 4	..	..
*	−11·249	−48·335	1·10	..	..
...	11·205	+21·918	− 3	.	.
...	11·170	− 5·215	− 2	...	..
...	11·029	−13·907	− 4	.	..
...	10·962	+58·764	− 5		...
561					
...	−10·953	+47·154	− 3	.	
...	10·945	− 5·201	− 5	M	...
*	10·905	+50·793	1·05	42.7891	9·7
..	10·558	−54·531	− 5	M	...
...	10·443	+29·389	0·85	..	...
..	−10·307	+25·172	− 3	...	..
'	10·251	+41·847	1·20	42.7892	9·7
...	10·091	−44·665	0·70	...	...
..	9·931	−20·742	0·90	...	...
†	9·723	+ 8·597	− 2	..	.
571					
...	− 9·555	−53·699	− 4	..	..
.	9·536	+53·612	− 5	...	...
..	9·366	−18·884	− 3	...	.
...	9·219	+24·525	0·90	...	..
...	9·214	+ 4·681	− 5	M	..
*	− 8·898	−16·035	1·05	43.8208	9·8
*	8·798	−55·762	1·15	43.8209	9·8
...	8·768	+32·087	− 5	...	...
	8·735	−11·663	− 5	.	...
...	8·727	−51·293	− 3	...	...
581					
...	− 8·640	+24·448	− 5	...	..
	8·598	− 3·411	− 3	...	..
.	8·517	+37·072	− 5	M	...
..	8·394	+16·789	− 3		..
...	8·290	+18·251	− 4	...	...
..	− 8·097	−41·084	− 5		...
..	8·083	−47·540	− 1	...	...
.	8·045	−28·734	− 2	...	...
.	8·028	−53·353	− 5		...
...	8·021	−54·677	− 5	.	...
591					
.	− 7·803	+21·357	0·70		.
...	7·769	−49·586	0·65	...	...
	7·716	+14·160	− 3		...
...	7·666	+44·730	0·65		..
..	7·575	−18·352	− 3	.	...
..	− 7·468	+30·988	− 5	...	..
...	7·303	−44·591	− 5	...	..
	7·261	+ 0·754	− 5	M	..
...	7·127	−50·077	− 5	M	...
.	7·072	+20·457	− 5	M	...

601 660

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
601					
.	− 7·040	+ 5·919	− 2	...	...
...	6·841	−37·024	− 5	...	...
*	6·495	+19·915	1·00	42.7893	9·7
.	6·470	+35·065	− 2	...	...
.	6·458	− 34·194	− 5	M	...
*	− 6·153	+10·674	0·95	..	...
...	6·148	+34·402	0·70	...	...
...	6·109	− 5·015	− 3	...	..
...	5·940	− 3·271	− 5	M	...
...	5·775	+38·293	− 4	...	...
611					
.	− 5·682	+16·151	− 5	M	...
.	5·604	−33·957	− 4	...	..
*	5·530	− 6·650	1·05	43.8210	9·8
...	5·521	−53·759	− 5	...	...
.	5·485	+ 8·003	− 5	M	
...	− 5·460	+34·723	− 4	..	
...	5·433	+52·303	− 5	A	..
	5·392	+48·509	− 4		...
...	5·305	−26·506	− 3		..
...	5·277	+34·276	− 2		
621					
.	− 5·193	−39·416	− 5	M *m*	...
..	5·152	− 0·039	− 2	...	...
...	4·973	− 1·547	− 2	...	.
...	4·973	−24·310	− 2	...	...
...	4·932	+ 9·361	− 4	B	...
*	− 4·927	+12·568	1·00	42.7894	10·2
..	4·889	−53·699	− 3	...	...
‡	4·738	+ 7·729	1·35	42.7895	9·4
...	4·713	+ 4·022	− 5	M *m*	...
...	4·577	+37·959	− 5	...	...
631					
...	− 4·404	−23·833	− 4	...	...
.	4·379	+23·676	− 5	M	.
...	4·049	+37·852	− 5	..	..
..	4·019	+30·417	− 5	M	...
...	3·912	−51·957	− 5	*m*	...
	− 3·849	−28·808	− 5	M *m*	...
..	3·762	− 7·495	0·80	..	.
.	3·564	−19·143	− 5	M *m*	...
*	3·499	+29·310	1·25	42.7896	9·7
...	3·398	−59·332	0·85	..	...
641					
*	− 3·371	−58·137	1·40	43.8211	9·3
..	3·370	−25·542	− 5	*m*	...
..	3·163	+39·607	− 3	...	...
..	3·074	−33·076	− 5	M *m*	...
...	3·057	− 7·807	− 2	...	..
..	− 3·041	+18·800	− 5	...	...
...	3·005	−32·294	− 5	M *m*	...
*	2·923	−48·903	0·95	.	...
.	2·862	+50·959	− 5	.	..
..	2·828	+57·815	− 5	..	...
651					
...	− 2·774	−58·684	− 2	...	.
..	2·730	−43·589	− 5	M *m*	...
...	2·699	+18·327	− 5	M	...
..	2·693	+31·259	− 2	...	..
*	2·672	−26·944	1·25	43.8212	9·4
*	− 2·638	+55·362	1·50	42.7897	9·6
..	2·577	+48·380	− 5	...	...
...	2·543	+ 3·906	− 5	M	...
*	2·533	−49·056	1·00	..	.
...	2·508	+37·309	− 5	..	...

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
661–720					
661					
...	− 2·101	−43·667	− 5	M m	...
...	2·2[illegible]	+ 5·4[illegible]6	− 3	...	...
	2·276	+46·129	1·25	42.7898	9·7
	2·263	+38·[illegible]49	− 5	...	...
.	2·251	+35·734	− 5	...	...
...	− 2·243	−16·6[illegible]1	− 3	...	...
*	2·191	+53·487	1·10	42.7899	10·2
	2·156	+27·805	− 5	M	...
...	2·116	−14·220	0·95	...	...
.	2·094	+36·981	− 5	...	...
671					
...	− 2·063	−18·460	− 5	M m	.
...	1·985	−29·440	− 5	M m	...
...	1·974	−29·890	− 5	.	...
...	1·860	−26·670	− 4	...	...
...	1·802	+47·425	0·95	42.7900	10·2
*	− 1·750	+14·082	1·00	...	...
..	1·650	+43·100	− 3	...	...
*	1·549	−53·606	1·15	43.8213	9·8
.	1·545	−33·463	− 5	M m	...
.	1·306	+14·508	− 5	M m	...
681					
*	− 1·139	+53·848	1·15	42.7901	9·9
*	1·001	−58·125	1·25	43.8214	9·5
.	0·999	−10·939	− 4	...	...
...	0·872	+17·564	− 5	M m	...
*	0·851	+21·101	1·30	42.7902	9·4
.	− 0·851	+ 1·105	− 5	M m	...
.	0·836	−14·323	− 5	M m	...
...	0·776	−14·755	− 3	...	...
*	0·595	−37·498	2·30	43.8215	8·6
..	0·586	+48·942	− 5	...	...
691					
..	− 0·516	−24·603	0·65	...	...
...	0·285	−14·241	− 5	M m	...
*	0·207	−31·531	1·15	..	...
...	0·176	−35·803	− 5	...	..
..	− 0·148	− 9·497	− 5	M m	...
...	+ 0·036	+ 7·231	− 5	M m	...
...	0·062	+17·174	− 5	M	...
	0·386	−14·732	− 4	...	
...	0·425	+ 2·132	0·80	...	
...	0·551	−40·558	− 5	M m	...
701					
.	+ 0·554	+24·304	− 2	...	
.	0·569	+ 0·400	− 5	M a	...
	0·658	+ 7·266	0·75	..	
	1·159	−43·647	− 2	..	...
	1·182	+ 0·944	− 5	M	...
	+ 1·186	−17·873	− 4	...	.
*	1·207	+14·539	1·60	42.7903	9·2
.	1·223	+36·639	− 5	.	...
	1·311	+45·041	− 5	.	...
	1·486	− 8·792	− 5	m	...
711					
	+ 1·55[illegible]	+37·799	− 5	M	...
	1·6[illegible]2	+18·412	− 4	...	..
...	1·744	−50·540	0·75	...	.
S *	1·752	−31·278	2·30	43.8216	8·5
*	1·[illegible]44	−51·123	1·10	43.8217	9·8
	+ 1·8[illegible]5	− 7·471	− 5	M m	.
	1·914	−30·160	− 5	...	...
...	2·073	+42·[illegible]97	− 4	...	.
...	2·179	+ 4·831	− 5	M	...
.	2·186	+39·545	− 5	...	...

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
721–780					
721					
..	+ 2·225	+52·272	− 5	...	...
.	2·234	−15·024	− 5	...	...
...	2·236	−52·190	− 5	M m	...
*	2·419	−53·621	1·10	43.8218	9·8
†	2·449	−49·846	0·65	...	...
.	+ 2·524	−24·660	− 5	M m	...
.	2·539	− 5·654	− 5	...	...
...	2·566	−17·007	− 5	...	...
..	2·672	+ 2·145	0·80	...	...
...	2·674	− 7·907	− 5	M m	...
731					
*	+ 2·734	− 9·382	1·10	43.8219	9·6
.	2·753	−10·271	− 5	M m	...
...	2·781	+27·732	0·70	..	...
.	2·857	+55·590	− 5	...	...
.	2·861	−19·656	− 5	M m	...
..	+ 2·871	−41·653	− 4	...	...
*	3·053	+21·349	1·25	42.7904	9·2
...	3·077	−53·187	0·70	...	...
...	3·292	−14·461	0·85	...	...
*	3·334	−14·302	1·00	43.8220	9·8
741					
†	+ 3·445	−29·915	0·85	...	...
*	3·489	+20·890	1·20	42.7905	9·6
.	3·561	−25·208	− 1	...	...
.	3·821	+45·378	− 5	...	...
...	3·851	+30·272	− 5	..	...
..	+ 4·130	−56·931	− 5	m	.
...	4·169	+44·237	− 4	...	
...	4·247	−45·357	0·75	.	...
...	4·266	+48·238	− 2	.	...
...	4·289	−48·277	− 5	...	...
751					
N	+ 4·295	− 8·792	− 4	M	..
N	4·348	− 8·833	− 2	...	..
...	4·426	− 7·485	− 5	M m	..
...	4·432	−56·867	− 2	m	...
...	4·449	+30·523	− 5	B	...
*	+ 4·603	−37·181	1·10	43.8221	9·6
...	4·630	−16·694	− 5	m	...
.	4·650	+53·464	− 5	...	...
...	4·653	+52·052	− 5	...	...
...	4·758	+ 2·375	− 5	M	...
761					
...	+ 4·781	−37·881	− 5	...	...
..	4·787	−35·444	− 5	...	...
...	4·874	+22·621	− 5	M	...
..	4·903	−47·182	− 5	...	.
..	4·995	+26·152	− 5	...	...
*	+ 5·070	−11·168	1·20	43.8222	9·4
†	5·214	+37·414	− 5	...	...
...	5·275	+57·259	− 2	.	..
	5·301	+44·369	− 5	...	...
..	5·360	−50·795	− 5	...	..
771					
..	+ 5·422	−52·728	0·90	.	...
...	5·471	+56·941	− 4	..	.
†	5·585	−34·804	− 2	...	...
.	5·591	+58·075	− 1	...	...
...	5·603	− 8·517	− 2	..	...
..	+ 5·645	−42·447	0·95	43.8223	9·8
.	5·676	+33·102	− 5	...	...
.	5·710	−54·090	0·85	.	...
.	5·768	+ 2·393	− 5	...	...
...	5·793	+15·978	− 5	...	...

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
781 840					
781					
...	+ 6·011	−16·934	− 2	...	...
..	6·069	−34·723	− 5	m	...
..	6·353	−42·228	− 5	m	...
..	6·363	+ 1·537	− 4	...	...
*	6·372	+55·299	1·30	42.7906	9·4
...	+ 6·478	+ 1·751	− 3	...	...
...	6·502	−20·681	− 5	m	...
...	6·516	+37·447	− 4	..	...
.	6·629	−46·625	− 5	...	...
...	6·642	−10·792	0·65	...	...
791					
...	+ 6·662	−30·613	− 5	...	...
...	6·712	+55·812	− 5	.	...
...	6·808	− 5·874	− 5	m	
...	6·908	− 6·380	0·85	...	...
...	7·004	+56·054	− 4	...	...
...	+ 7·103	− 4·001	0·70	..	..
...	7·112	+18·871	− 5	...	...
.	7·113	+23·183	− 5	.	..
...	7·125	−42·489	− 5	m	...
...	7·128	−43·702	− 5	...	...
801					
...	+ 7·155	−45·914	− 2	...	...
..	7·164	+10·487	− 4	...	..
...	7·187	−43·084	− 1	.	...
...	7·222	−16·909	− 2	...	.
...	7·232	−47·175	− 1	...	...
*	+ 7·262	−17·582	1·15	43.8224	9·6
	7·267	−25·008	− 5	...	...
...	7·521	+ 9·903	− 4	.	...
...	7·643	−40·140	0·80	...	...
...	7·855	−29·298	− 4	.	...
811					
*	+ 8·117	+56·261	1·10	42.7907	9·8
†	8·320	+19·974	− 5	...	...
...	8·343	−44·556	− 4	...	...
...	8·355	−25·467	− 5	m	...
*	8·425	−28·154	0·95	...	...
*	+ 8·429	+ 6·958	1·00	.	...
...	8·437	+59·367	− 5	.	...
*	8·817	+53·150	1·30	42.7908	9·6
..	8·851	− 1·142	− 2	...	...
...	8·972	+42·633	0·90	42.7909	10·2
821					
...	+ 9·146	+47·929	− 3	..	...
..	9·178	−36·307	0·65	.	...
..	9·269	−47·485	0·75	...	...
...	9·346	+36·478	− 5	..	...
...	9·353	+30·864	− 5	...	...
...	+ 9·429	− 3·108	− 2	...	...
..	9·435	−46·367	− 3	..	...
.	9·518	−17·134	0·75	...	...
..	9·597	−21·066	− 3	..	...
...	9·602	+ 1·047	− 3	.	...
831					
...	+ 9·680	+48·256	0·90	42.7910	10·2
...	9·725	−27·887	0·85	...	...
...	9·747	−44·497	− 5	m	...
...	9·817	− 1·059	− 5	m	...
...	9·843	−32·165	− 3	..	...
...	+ 9·858	+28·753	− 5	..	..
...	10·035	−59·036	− 5	...	..
...	10·088	+ 9·902	0·70	..	...
†	10·141	−50·455	0·70	...	...
†	10·257	−46·948	− 4	...	...

751, 752, 44 ·107, mass.

841–900

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
841					
...	+10·356	−36·671	− 3	...	...
..	10·451	−45·178	− 5	m	...
*	10·487	−31·400	1·10	43.8225	9·6
...	10·567	+17·904	− 5	...	.
...	10·576	−50·720	0·80		.
...	+10·599	−12·632	− 5	..	.
..	10·829	−34·254	− 2	.	.
...	10·897	−54·889	− 1		..
*	10·907	+46·575	1·25	42.7911	9·8
...	11·128	−46·065	− 5	.	..
851					
...	+11·146	−34·184	− 5	...	.
...	11·231	−28·019	− 4	.	...
...	11·511	−50·447	− 5	..	...
..	11·523	−21·076	− 4	.	...
...	11·609	−23·674	0·80	..	...
..	+11·680	+53·889	− 4	..	...
*	11·750	+39·354	1·15	42.7912	9·8
...	11·765	+ 7·620	− 2	...	...
..	11·814	+57·116	0·85	42.7913	10·2
...	11·936	− 6·869	0·65	...	...
861					
...	+11·979	+25·338	− 3	...	...
...	11·999	− 3·107	− 5	m	...
.	12·004	− 4·876	1·00	43.8226	9·8
...	12·140	+30·435	− 4	...	...
*	12·157	+22·056	1·15	42.7914	9·6
...	+12·170	−58·868	− 5	...	...
...	12·244	+10·122	− 5	..	.
	12·249	−58·479	− 5	...	...
...	12·316	−55·172	− 5	...	...
...	12·366	+20·436	− 5	...	...
871					
...	+12·394	−24·666	− 5	m	...
*	12·483	−17·003	1·00	43.8227	9·8
...	12·502	−14·151	− 5	..	...
...	12·510	−58·594	− 5	...	..
...	12·602	−58·016	− 2	..	...
..	+12·622	+33·298	− 4	.	..
...	12·689	−52·068	− 5	..	...
...	12·755	−14·242	− 5		...
..	12·858	−50·719	− 5	..	..
...	13·079	−43·160	− 4	...	...
881					
...	+13·097	+52·942	0·90	42.7915	10·2
...	13·239	−54·245	0·70	...	..
...	13·261	−11·301	− 3	.	...
...	13·346	+ 9·109	− 1	...	.
*	13·505	−56·813	0·95	...	
...	+13·514	−47·876	0·85	...	...
*	13·596	− 4·556	1·05	43.8228	9·8
...	13·791	+ 5·931	− 5	...	...
...	13·831	+58·586	− 5	...	...
*	13·846	−46·263	2·00	43.8229	8·8
891					
..	+13·894	+18·095	− 2	...	.
..	14·004	− 5·614	− 5	m	
..	14·149	−15·888	− 5	.	
..	14·377	−50·945	0·75	...	..
*	14·389	−11·030	1·00	43.8230	9·8
...	+14·426	− 4·152	− 5	m	...
...	14·467	+13·964	− 4	...	
...	14·731	−43·243	− 2	...	..
...	14·842	−38·431	0·90	43.8231	9·8
...	14·844	+39·737	− 5	...	...

901–960

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
901					
...	+14·854	+47·418	− 4	..	...
*	14·923	+27·501	1·05	42.7916	9·8
	15·215	+34·775	1·45	42.7917	9·0
..	15·259	−38·805	− 5	...	...
...	15·277	+25·094	− 2	..	..
	+15·280	+11·535	− 5	a	
.	15·312	+ 3·597	− 5	...	...
..	15·370	−46·694	− 5	m	...
...	15·396	+ 1·076	− 5	a	..
...	15·543	+12·831	− 5	...	..
911					
...	+15·569	−45·960	− 1	...	...
..	15·647	− 4·521	− 5	m	
...	15·788	+12·838	− 5	.	...
...	15·831	−42·081	− 2		...
...	15·934	− 9·760	0·65	...	...
...	+15·941	+58·759	− 5	...	...
*	15·947	+ 3·314	0·95	..	..
..	15·992	+55·024	− 4	..	...
*	16·076	+ 0·777	1·80	42.7918	8·9
...	16·105	−29·153	− 5	m	..
921					
..	+16·119	−43·579	− 5	m	.
..	16·202	+43·986	− 5	...	...
..	16·289	−58·887	− 5		...
...	16·299	+ 6·096	− 5	...	...
*	16·307	+51·322	1·15	42.7919	10·2
...	+16·310	−55·843	− 4	...	..
.	16·375	− 2·668	− 5	m	..
..	16·412	−36·208	− 2	...	...
...	16·450	+50·669	− 5	..	..
...	16·541	− 9·453	− 2	...	..
931					
...	+16·778	− 8·181	− 1	...	...
..	16·800	−50·524	− 5	...	...
...	16·894	−55·765	− 5	..	...
...	17·026	+38·924	− 5	...	...
..	17·247	+35·775	0·85	...	...
...	+17·275	−16·611	− 4	...	...
.	17·481	−16·078	− 5	...	..
...	17·625	−45·027	0·65	..	
..	17·728	−27·083	− 1	...	...
..	17·743	−21·458	− 5	..	..
941					
*	+17·815	+48·925	2·40	42.7920	8·5
...	17·856	−51·895	− 4	...	.
..	17·857	+16·098	− 4	...	...
...	17·892	+ 9·381	− 5	.	..
...	17·897	+35·367	− 4	..	...
*	+17·917	+20·153	1·25	42.7921	9·7
...	18·045	−31·779	− 4	.	..
..	18·101	+ 2·559	− 3	..	..
..	18·130	+ 8·596	− 4	...	...
...	18·158	−15·518	− 4	.	.
951					
..	+18·162	− 4·006	− 3	.	..
...	18·183	−59·151	− 5	...	...
*	18·312	+53·775	1·60	42.7922	9·4
.	18·316	− 8·609	− 5	m	...
...	18·411	−51·133	− 5	m	.
..	+18·474	−15·456	− 5	..	...
..	18·638	−35·426	− 5		.
...	18·674	−21·628	− 3	...	
...	18·748	−19·388	− 5	..	.
...	18·793	+18·405	− 4	...	.

961–1020

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
961					
...	+18·884	− 9·457	− 3	...	...
..	18·892	+32·745	− 3	...	...
*	18·996	−12·653	1·10	43.8232	9·8
...	19·228	−38·490	− 3	..	...
*	19·266	−54·105	1·10	43.8233	9·8
...	+19·269	−30·245	− 2	...	...
...	19·270	−35·280	− 5	...	...
...	19·393	−24·311	− 4	...	...
...	19·452	+ 5·568	− 4	...	...
...	19·470	−22·587	− 5	m	...
971					
...	+19·490	+17·019	− 4	...	...
...	19·611	−47·293	− 1	...	...
...	19·719	−18·796	− 5	m	...
*	19·733	−21·810	1·20	43.8234	9·8
...	19·836	+19·190	− 5	...	...
...	+19·930	−42·684	0·65	...	...
...	19·956	+23·285	− 4	...	...
...	19·995	− 7·580	0·70	...	...
*	20·083	+ 9·497	1·40	42.7923	9·2
...	20·301	+33·596	− 5	...	...
981					
...	+20·346	+49·394	− 3	...	...
...	20·381	+43·447	1·00	...	...
...	20·425	+11·901	0·75	...	...
...	20·479	−15·516	− 4	...	...
...	20·494	+ 8·079	− 5	...	...
...	+20·523	− 6·014	− 4	...	...
...	20·719	+33·778	− 5	...	...
...	20·739	−45·686	− 5	...	...
...	20·779	−28·968	− 5	..	...
...	20·782	+29·213	− 5	..	...
991					
...	+20·808	−45·947	− 4	...	...
...	20·885	+ 3·853	− 5	...	...
...	20·910	+26·129	− 5	..	..
...	20·931	+11·380	− 5	...	...
...	20·932	− 0·074	− 5	m	...
...	+21·088	− 7·984	− 5	m	...
...	21·089	+25·853	− 5	..	...
...	21·254	+17·784	− 4	.	...
...	21·392	− 7·368	− 3	.	...
...	21·393	+48·021	− 4	...	.
1001					
...	+21·794	+ 2·381	− 2	..	.
...	21·849	+56·266	− 5	...	..
...	21·860	+21·233	− 3	...	...
...	21·977	−31·469	− 3	...	...
.	22·034	+58·281	− 5	...	...
...	+22·059	−55·091	− 5	.	...
...	22·070	+37·106	− 3	...	...
..	22·100	−16·123	− 5	m	..
.	22·141	−58·544	− 5	...	...
...	22·145	−35·721	− 3	...	..
1011					
...	+22·264	+48·965	− 2	...	..
..	22·311	−14·081	− 5	m	...
	22·318	−55·039	− 5	...	.
..	22·403	+38·829	− 4	...	...
	22·403	−58·707	2·20	43.8235	8·7
*	+22·441	−55·811	1·00	43.8236	9·8
...	22·584	− 4·802	− 5	m	...
...	22·700	−24·230	− 2	...	..
...	22·757	−11·341	− 4	...	...
...	22·797	+23·360	− 2	...	...

Notes.	Co-ordinates. x.	y.	Diam. 3.	C.P.D. No.	Mag.
1021–1080					
1021					
. .	+22·900	−14·304	− 4		.
	23·068	+ 6·978	− 4		
	23·217	+17·488	− 4		..
...	23·311	+55·092	− 2		
	23·452	−38·479	− 5	..	.
.	+23·687	+59·459	0·75	41.8188	10·2
	23·759	−11·877	− 5	m	...
.	23·759	−23·662	− 5	m	..
...	23·799	+34·213	− 4	. .	...
.	23·827	+10·699	0·65		...
1031					
...	+23·880	− 7·700	− 4		
	24·084	−40·562	− 5	...	
*	24·109	−28·022	0·95	43·8237	9·8
..	24·157	−23·188	− 5	m	...
...	24·214	+11·859	− 4	...	.
...	+24·304	+11·970	− 5	...	...
S	24·350	−51·591	2·45	43.8238	8·2
.	24·619	−36·741	0·90	...	...
.	24·641	−49·344	1·50	43.8239	9·2
.	24·652	−46·001	− 5	m	...
1041					
...	+24·776	−44·561	− 5	m	...
.	24·881	−10·598	− 5	m	...
*	24·969	−21·618	1·00	43.8240	9·8
...	25·023	+35·542	− 5	...	...
.	25·035	−39·776	− 5	.	..
.	+25·068	−13·440	− 5	...	...
.	25·125	+22·365	− 4	...	...
.	25·167	+28·870	− 4		.
.	25·332	− 0·560	1·40	42.7924	9·0
	25·384	+42·683	− 5	.	.
1051					
.	+25·517	+11·031	− 4		.
	25·569	+17·614	− 4		.
	25·655	−43·361	− 5	.	..
.	25·690	− 4·431	0·90	.	...
	25·697	−57·024	− 5	m	...
...	+25·742	−33·798	− 5	...	
	25·780	−17·486	− 5	m	
	25·835	−19·130	− 5	m	
	26·024	+43·081	− 3		.
*	26·070	−24·578	1·00		...
1061					
...	+26·388	+20·751	− 5		...
...	26·398	+41·417	− 4		.
...	26·450	−38·319	0·80		.
...	26·469	+24·113	− 5	...	
*	26·570	+53·503	1·20	42.7925	10·0
	+26·652	−10·629	0·65	...	...
	26·797	+46·788	1·20	42.7926	10·2
.	26·902	+ 6·840	− 4	..	...
	26·906	−13·348	− 3		..
	26·957	−47·173	− 5	m	
1071					
...	+26·984	−55·480	− 5		...
..	27·022	+48·042	− 1	...	...
...	27·073	− 0·518	− 4	...	..
	27·102	− 0·795	− 5	a	..
	27·162	− 7·985	0·65		...
	+27·235	−20·205	− 4	...	..
	27·351	−31·417	0·65		.
...	27·373	− 7·553	− 4		
*	27·384	−33·148	1·05	43.8241	9·8
	27·387	−14·693	− 5	.	...

Notes.	Co-ordinates. x.	y.	Diam. 3	C.P.D. No.	Mag.
1081–1140					
1081					
...	+27·401	−21·537	− 5	m	...
...	27·423	− 8·641	− 3	.	
..	27·428	+12·726	− 5	...	
.	27·645	−26·396	− 5	m	.
...	27·729	−58·628	− 4	..	
.	+27·807	+11·564	− 5		...
..	27·815	−56·422	− 5		..
S *	27·879	+18·867	3·70	42.7927	7·0
..	27·959	+40·723	− 5	. .	...
...	27·981	+ 1·310	− 5		...
1091					
...	+28·012	− 6·422	0·70	.	..
	28·030	+37·650	− 3		...
.	28·060	+30·096	− 4		...
.	28·214	+12·896	− 5	..	...
.	28·284	−54·839	− 3	. .	...
...	+28·409	−30·460	− 5	m	..
	28·550	+48·208	− 5		.
..	28·623	+52·300	− 2		..
.	28·952	−45·755	− 5		...
...	28·955	−20·357	− 5		..
1101					
. .	+29·016	+ 6·178	− 2		.
...	29·039	+45·063	− 5	...	..
*	29·056	+ 7·520	1·00	42.7929	10·2
*	29·076	+44·816	1·20	42.7928	9·7
..	29·081	+30·176	− 5	...	...
...	+29·218	+ 7·965	− 3	...	...
*	29·246	−34·714	0·90	...	
.	29·261	+46·118	− 1		.
...	29·357	+49·795	0·80		..
...	29·363	−57·297	− 2	...	...
1111					
.	+29·423	+ 0·583	− 5	...	...
*	29·567	+30·973	2·20	42.7930	8·5
	29·569	− 2·277	− 5	m	...
...	29·707	−20·803	− 5	m	...
...	29·802	−52·776	0·95	..	..
.	+29·841	+45·149	− 3		.
	29·995	−47·799	1·00	...	...
†	30·117	+14·008	− 5	...	..
†	30·188	−32·286	− 4	...	.
.	30·388	+55·810	− 5		...
1121					
.	+30·454	+24·781	− 3	...	...
	30·535	− 4·249	0·75	. .	..
	30·638	−52·372	0·65	. .	...
.	30·779	+57·465	− 5	...	..
	30·852	− 0·962	− 5	...	...
	+31·012	−39·777	0·90		...
...	31·040	−16·220	− 5	.	...
.	31·053	−34·513	0·75		..
...	31·093	−42·021	− 5	...	...
...	31·097	−49·905	− 3	...	..
1131					
*	+31·294	+ 2·710	1·00	42.7931	10·2
..	31·341	−49·436	− 5	...	...
.	31·393	+32·367	0·95	...	...
...	31·405	−19·155	− 5	...	...
*	31·471	−40·895	1·40	43.8242	9·1
	+31·573	+ 6·046	0·65		...
	31·737	+ 3·608	− 4	...	...
...	31·763	−21·818	− 5	...	...
*	31·769	−56·522	1·00	43.8243	9·8
.	31·852	− 9·821	− 5	m	...

Notes.	Co-ordinates. x.	y.	Diam. 3.	C.P.D. No.	Mag.
1141–1200					
1141					
...	+31·893	−40·905	− 5		
...	31·932	−10·624	− 5		...
..	31·990	+ 1·855	0·75		...
	31·997	−12·717	− 5	m	.
..	32·038	−11·702	− 5	m	.
..	+32·193	+53·155	− 5	.	...
..	32·277	−51·755	− 5	m	...
*	32·321	−21·771	1·00	...	...
α	32·362	+ 0·144	1·00	42.7932	10·2
...	32·391	+ 4·370	− 5	...	...
1151					
...	+32·449	−52·578	− 5		...
...	32·504	−54·056	− 4		...
..	32·513	−28·891	− 3		...
..	32·513	+52·577	− 5		...
.	32·553	− 3·311	− 5	.	..
..	+32·567	−19·447	− 2	.	...
...	32·647	+34·681	0·65	...	..
..	32·656	−25·606	− 5	m	...
...	32·700	−53·021	− 5	...	.
...	32·766	−23·661	− 5	m	...
1161					
...	+32·887	+54·233	− 4	...	...
..	32·890	− 9·516	− 3	...	...
...	32·978	−15·212	− 5	.	..
...	33·133	+ 6·386	− 5	.	...
..	33·369	+57·418	− 5	.	...
...	+33·393	−39·622	0·90		...
..	33·415	−23·324	− 5		..
..	33·537	−15·676	− 5	.	...
..	33·771	−32·712	− 5	m	. .
...	33·835	−37·727	− 5	m	. .
1171					
...	+33·848	+21·362	− 5	...	...
..	33·862	+13·779	− 5		...
..	33·882	+33·745	− 1		..
...	33·908	−41·660	− 1	.	...
...	33·964	−58·053	− 5	.	...
. .	+34·041	−20·455	− 5		..
.	34·113	+21·046	− 5	...	...
...	34·129	−33·852	0·90	43.8244	9·8
	34·207	+47·241	− 5	...	...
...	34·270	+29·364	− 5	.	...
1181					
...	+34·508	− 5·460	0·65	...	
...	34·571	− 6·074	− 5		..
...	34·575	−54·670	− 4	.	..
. .	34·745	−28·787	− 2	...	...
S *	34·774	− 8·429	1·50	43.8245	8·9
...	+34·935	−15·609	− 5	m	...
.	34·949	+22·239	− 3	...	...
*	34·951	−33·996	1·40	43.8246	8·9
...	35·224	−39·909	0·90	...	...
...	35·327	− 5·195	− 3	. .	...
1191					
...	+35·355	+ 8·865	− 3	...	...
. .	35·373	−47·541	− 1		...
..	35·394	− 7·889	− 1	.	...
..	35·501	− 3·648	0·70	.	...
.	35·558	−39·499	− 5	...	...
*	35·565	−32·844	1·10	43.8247	9·6
...	35·710	−24·670	− 5	m	...
...	35·714	− 3·798	0·75	. .	...
..	35·745	+25·372	− 5	...	...
.	35·793	−59·697	2·10	43.8248	8·8

1201-1260

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
1201					
..	+35·806	+10·846	−5	.	...
...	36·004	+ 5·412	0·65	...	...
...	36·120	+39·310	−4		...
...	36·185	−38·775	−5	.	.
...	36·230	− 2·691	−5		.
...	+36·319	+57·963	−5		.
...	36·399	−20·127	−3		.
...	36·425	+26·837	−4		.
...	36·465	+10·761	−5		..
...	36·502	−48·939	−5		...
1211					
...	+36·503	−30·889	−5	...	...
...	36·504	+ 0·141	−5	a	...
...	36·607	−12·597	−5	m	.
...	36·644	−49·293	0·90	...	...
...	36·687	+56·651	−5	...	...
*	+36·691	−23·123	1·05	43.8249	9·8
...	36·753	+ 5·319	−5		...
...	36·810	−28·355	−5		...
	36·849	−22·595	−2	..	.
...	36·955	+29·193	0·80		..
1221					
...	+37·132	−29·355	−4	..	..
...	37·137	−30·947	−5	m	...
...	37·144	−22·727	0·65	...	..
...	37·186	−50·478	−5	m	...
†	37·277	+54·924	−2	...	...
	+37·322	−28·628	−5	m	..
.	37·367	− 7·617	−5	m	.
	37·427	−32·946	−5	m	
...	37·569	+10·303	−5	...	..
..	37·569	−27·123	−5	...	...
1231					
...	+37·603	− 0·984	0·90	43.8250	9·8
...	37·661	−51·941	−5	.	...
...	37·672	− 1·969	−5		.
...	37·794	+39·299	−4	...	...
	37·834	+ 1·769	−2	.	...
*	+37·867	−31·738	1·00	43.8251	9·8
*	37·935	−35·756	1·00	43.8252	9·8
...	38·011	− 1·151	−4	...	...
..	38·129	−34·056	−5	m	...
...	38·258	+28·113	−5	...	.
1241					
..	+38·290	−21·529	−5	m	.
..	38·368	+ 3·269	0·85	.	
.	38·418	−54·304	−5		..
...	38·426	−13·947	−5	..	..
	38·552	− 1·752	0·65	...	...
..	+38·621	−40·080	−1	..	...
*	38·679	+ 2·259	0·95	.	...
...	38·695	−57·071	0·90	.	...
...	38·810	+12·273	−5	.	...
...	38·897	−15·713	−5	m	.
1251					
...	+38·943	+33·858	−3	...	..
*	38·967	+31·947	1·10	42.7933	9·8
..	38·994	− 8·179	−5	...	...
...	39·005	−19·021	0·85	...	.
	39·037	− 2·072	−5	m	..
.	+39·117	−53·631	−5	...	..
...	39·230	−21·402	−3	...	...
...	39·408	− 2·042	−5	m	...
...	39·424	+32·391	−5	...	...
...	39·506	−22·889	−4	...	...

1261-1320

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
1261					
..	+39·539	−15·671	−2	.	
	39·585	+45·504	−4		...
*	39·586	−43·192	0·95	.	.
..	39·640	+47·339	−5	.	...
...	39·793	−40·922	−5		
	+39·818	− 5·500	−5		.
	39·854	−37·220	−5	..	...
	39·974	+11·384	−5	..	...
†	40·000	+55·335	−1	42.7934	10·2
...	40·175	+ 4·432	−2	...	...
1271					
..	+40·223	−58·466	−5	m	.
..	40·238	−47·551	−5	m	...
.	40·270	−41·475	0·90	..	...
.	40·282	−45·997	−2		...
.	40·382	+10·943	−5	..	...
*	+40·422	−56·933	1·00	43.8253	9·8
	40·497	− 6·169	−5	...	...
..	40·710	−39·238	−4	...	.
..	40·763	− 0·139	−4	a	...
...	40·922	−48·477	−5	m	...
1281					
*	+40·932	+25·904	1·10	42.7935	9·8
	40·948	−36·303	−5	...	...
*	41·070	+31·147	1·15	42.7936	9·8
...	41·120	−48·541	−5	m	...
.	41·168	−34·625	−2	...	...
...	+41·238	−17·226	−5	..	...
.	41·264	+27·502	−4	...	..
...	41·278	−13·544	−5	..	..
...	41·313	−12·377	−4	...	...
*	41·699	+30·155	1·20	42.7937	9·7
1291					
...	+41·768	+13·881	−5	...	...
*	41·786	− 3·367	1·70	43.8254	8·9
..	41·856	− 7·747	−5	m	...
...	41·899	−17·982	−5		...
..	42·088	−20·271	−5	.	...
...	+42·363	−30·602	−3	.	...
...	42·408	−10·620	−5		...
...	42·558	−35·742	−5	m	..
..	42·626	−17·544	−5	m	..
...	42·701	−20·635	−3	...	.
1301					
..	+42·743	−35·351	−4	...	...
.	42·837	−25·290	−3	...	...
.	42·869	+ 5·559	−2	..	...
.	42·931	−15·689	−5	...	...
...	43·014	+51·632	−5	...	...
	+43·323	−31·894	−5	.	..
	43·357	+48·554	−3	...	...
*	43·386	−42·803	1·00	43.8255	9·8
..	43·402	−35·580	−5	...	...
..	43·549	−55·728	−5	..	..
1311					
...	+43·684	+43·916	−5	.	...
	43·687	− 2·349	−5	m	.
	43·688	−10·977	−2	..	..
.	43·704	−42·056	−5	.	...
.	43·869	+ 5·788	−5	...	..
...	+44·159	−43·714	−5	...	..
...	44·178	−21·379	0·90	.	..
...	44·293	−57·406	−5	m	..
..	44·304	−32·738	−1	...	...
...	44·468	−36·098	−5	m	.

1321-1380

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
1321					
	+44·580	−18·465	−5	...	...
	44·598	−51·123	−5	m	...
	44·736	−15·968	−5	m	.
	44·776	−47·846	−5	...	...
...	44·808	+21·988	−5	.	...
*	+44·872	+25·856	0·95	42.7938	10·1
	44·876	+17·894	−2	...	...
a †	45·021	− 0·234	0·90	42.7939	10·2
†	45·109	−58·688	−5	.	...
...	45·156	−35·708	−5	...	...
1331					
...	+45·213	+ 8·132	−5	...	..
...	45·352	+44·712	−5	.	..
..	45·359	− 6·506	−3	.	...
.	45·406	−16·314	−5	.	
	45·491	−26·816	0·80	..	...
...	+45·493	−21·319	−5	m	...
...	45·676	−56·586	−1	..	...
	45·701	+52·903	−5		...
.	45·844	− 7·088	−5	...	...
...	45·932	+56·809	1·60	42.7940	9·2
1341					
†	+45·943	+49·984	−1	.	...
..	46·053	+ 5·589	0·70		...
...	46·084	−52·615	−5	...	
	46·110	+26·588	−5	..	...
†	46·382	−59·722	−5	m	..
.	+46·448	+13·714	−5	...	...
...	46·512	−56·640	−5	m	...
..	46·570	+14·714	0·90	..	...
...	46·644	+27·679	−5	...	...
...	46·902	−20·257	0·85	.	...
1351					
...	+46·939	+16·228	−5	.	
.	47·017	−21·691	−4	.	...
†	47·096	−39·830	−2		...
...	47·308	+27·323	−5		...
.	47·480	−53·481	−5	.	..
.	+47·498	−20·624	1·05	43.8256	9·8
...	47·503	−13·927	−5	m	...
.	47·537	−30·010	−3		..
.	47·667	−27·540	−5		...
...	47·736	−26·143	−3		...
1361					
*	+47·739	+19·397	1·40	42.7941	9·4
...	47·988	−16·528	−5	m	...
N * [	47·992	−17·786	1·00	43.8257	9·8
...	48·094	+24·118	−5	...	...
...	48·152	−22·103	−5	...	...
*	+48·177	−28·387	1·00	43.8258	9·8
..	48·271	+ 6·777	−5	b	...
...	48·324	−14·325	−5	m	...
...	48·350	− 7·383	−2	...	..
...	48·404	− 7·487	0·90	43.8259	9·8
1371					
*	+48·457	− 8·350	1·00	43.8260	9·8
..	48·532	+ 7·097	−5	.	...
..	48·653	−35·251	−5		..
N [	48·668	+20·827	−5	...	..
...	48·783	− 8·006	−3		..
...	+48·824	− 6·382	−5	.	..
...	48·847	−13·713	0·80		...
.	48·888	− 1·017	−4		...
..	48·935	+23·143	0·90	42.7942	10·2
..	49·201	−47·811	−5	...	...

1363. Mass. 44°·107, two stars.

1374. Mass. 42°·107, two stars.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′	″	s.	No.	Mag.
1381–1420					
1381					
*	+49′241	−30″339	1·00	43.8261	9·8
..	49·291	−13·932	0·85	.	.
...	49·389	+ 2·674	− 4		
...	49·391	+ 2·507	− 5		
*	49·513	−57·586	1·05	...	...
	+49·729	+56·623	0·70	42.7943	10·1
..	49·874	+ 4·169	− 5	...	...
†	49·879	−54·842	0·95	43.8263	9·8
‡	49·995	+10·532	1·10	42.7944	9·7
†	50·083	+10·177	− 5	...	...
1391					
†	+50·110	−10·518	− 5	...	...
‡	50·141	+24·889	1·25	42.7945	9·4
..	50·245	−45·856	− 4	...	...
...	50·268	+ 4·884	0·90	42.7946	10·2
...	50·306	+58·592	− 5	.	.
.	+50·350	+ 9·857	− 3	.	.
...	50·364	+ 9·636	− 5	.	.
.	50·378	+41·563	− 5	.	.
*	50·515	+ 8·057	0·95	42.7947	10·2
...	50·642	+25·507	− 5	...	...
1401					
...	+50·719	+15·791	− 5	...	...
.	50·734	−31·499	0·95	43.8264	9·8
*	50·773	−53·763	1·40	43.8265	9·2
..	51·001	+ 1·172	− 5	.	...
.	51·174	+55·999	− 5	.	...
.	+51·373	−49·703	0·65	...	...
n *	51·472	−27·346	1·20	43.8267	7·6
*	51·489	−52·159	1·20	43.8268	9·6
*	51·519	+19·957	1·00	42.7948	10·1
n *	51·567	−27·560	2·90	43.8267	7·6
1411					
*	+51·614	−28·717	1·30	43.8266	9·1
‡	51·617	−49·763	1·00	43.8269	9·6
.	51·638	+35·439	− 5	...	...
*	51·646	+ 4·955	2·30	42.7949	8·7
...	51·739	−18·331	0·80	...	...
.	+51·899	− 5·069	− 5	..	...
e *	52·109	− 0·627	1·00	42.7950	10·2
...	52·223	+11·407	− 5	...	...
*	52·249	− 6·892	1·30	43.8270	9·2
...	52·253	+19·044	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′	″	s.	No.	Mag.
1421–1460					
1421					
.	+52′326	−47″784	− 4	...	...
.	52·513	+48·684	− 5	...	...
*	52·613	+31·642	2·20	42.7951	8·6
...	52·631	− 4·700	0·85	...	...
.	52·631	−14·575	1·00	43.8271	9·8
.	+52·831	+16·626	− 5	...	...
*	53·556	−16·958	0·90	...	...
*	53·625	+ 0·363	1·35	42.7952	9·2
...	53·747	−42·016	− 5	..	...
.	53·796	−31·073	0·75	...	...
1431					
*	+53·921	−39·408	1·30	43.8272	9·4
.	53·980	− 3·790	− 5	.	...
.	54·151	+19·740	0·85	.	...
.	54·161	+41·590	− 5	.	.
.	54·204	+25·849	− 5	..	...
*	+54·278	+ 1·285	1·25	42.7953	9·2
.	54·290	+20·749	− 5	.	.
.	54·412	− 8·076	− 5	.	.
.	54·590	− 7·667	− 5	.	...
...	54·593	+28·556	− 5	.	.
1441					
...	+55·028	−10·523	− 5	*m*	...
..	55·161	+41·964	− 5	.	...
...	55·567	−34·374	− 3	.	...
..	55·595	−22·920	− 5	.	...
.	55·703	+38·504	− 5	..	.
.	+55·724	−10·164	− 5	...	...
.	55·814	−57·631	1·00	43.8274	9·8
..	55·853	− 3·069	0·80	..	.
.	55·985	+33·476	− 5	.	...
...	56·043	+ 3·821	− 5	..	...
1451					
†	+56·057	+24·946	− 5	..	...
...	56·146	−17·379	− 5	.	...
...	56·178	−48·788	− 5	...	.
..	56·238	+ 3·274	− 5	..	
.	56·297	+50·716	− 5	...	...
...	+56·589	−48·357	− 5	*e*	...
...	56·640	−22·118	− 5	...	...
.	56·681	−25·708	1·00	.	...
.	56·765	+ 7·186	− 5	..	...
.	56·818	−24·077	− 5	*e*	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′	″	s.	No.	Mag.
1461–1486					
1461					
...	+56′990	+ 1″048	− 5	..	...
. .	57·076	+ 3·082	− 5	...	...
†	57·140	+40·033	0·80	42.7954	10·1
. .	57·200	−21·064	0·90	...	...
*	57·460	+42·370	1·80	42.7955	9·4
...	+57·509	+ 6·194	− 5	. .	...
*	57·688	−23·034	1·50	43.8275	9·1
...	57·785	+ 0·181	− 5		...
...	57·955	− 4·672	0·70	...	...
..	57·982	+ 3·656	− 4		...
1471					
...	+58·307	− 7·802	0·70		...
..	58·365	+25·582	− 5		...
...	58·390	+ 8·279	− 3		...
..	58·515	−13·606	− 1	...	...
.	58·625	+ 2·930	1·30	42.7956	9·4
...	+58·627	−52·574	− 2	...	...
.	58·833	+14·648	− 4	...	...
...	58·935	−56·585	− 4	...	...
*	59·123	−12·234	1·00	43.8276	9·8
.	59·304	+24·282	0·70	. .	...
1481					
. .	+59·351	−21·872	− 1	...	...
...	59·420	+46·350	− 5	...	.
...	59·694	+ 2·918	− 4	...	...
*	59·836	−27·914	1·25	43.8277	9·3
.	59·863	−32·141	− 5	...	...
†	+60·041	−54·577	− 4	...	...

1407, 1410. C.P.D., mass.

	Co-ordinates.		Diam.	C.P.D.	
	′	″	s.	No.	Mag.
1–10					
1					
...	−59′456	+ 7″03	1·95	42.7947	10·2
...	59·319	−10·653	− 1	..	...
...	59·193	+35·3[illegible]	− 5		..
..	59·090	− 4·963	− 5	..	..
...	58·815	+19·845	1·00	42.7948	10·1
...	−58·791	+ 1·056	− 3	.	...
...	58·711	+48·579	− 5	...	...
...	58·473	−57·[illegible]	0·95	...	...
...	58·359	+41·424	− 5	..	.
*	58·210	+ 3·953	2·00	42.7949	8·7

	Co-ordinates.		Diam.	C.P.D.	
	′	″	s.	No.	Mag.
11–20					
11					
	−58′193	−54″954	0·90	43.8263	9·8
	58·093	−45·975	− 1	...	...
*	58·078	+31·557	2·20	42.7951	8·6
	58·040	−31·607	0·95	43.8264	9·8
	57·861	+11·317	− 5	...	...
..	−57·686	− 5·157	− 3	...	...
E	57·608	− 0·705	1·00	42.7950	10·2
...	57·436	−18·408	0·95	...	...
n *	57·428	−27·442	1·15	43.8267	7·6
.	57·412	+16·537	− 5	...	...

	Co-ordinates.		Diam.	C.P.D.	
	′	″	s.	No.	Mag.
21–30					
21					
*	−57′328	−53″861	1·80	43.8265	9·2
n *	57·323	−27·646	3·00	43.8267	7·6
*	57·265	− 6·967	1·45	43.8270	9·2
*	57·250	−28·801	1·70	43.8266	9·1
.	56·953	− 4·766	0·85	...	...
...	−56·866	− 5·763	− 5	M	...
†	56·855	−49·811	0·65	...	...
...	56·839	+41·540	− 5	...	...
...	56·812	−24·396	− 5	M	...
*	56·671	−14·635	1·00	43.8271	9·8

ES assumed from 1, 96, 203, 314, 421, 535, 664, 786, 893, 1003, 1106, 1195.
M[illegible] ... 55, 152, 253, 355, 475, 596, 728, 834, 952, 1053, 1155, 1239.

19, 22. C.P.D., mass.

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
31–90					
31					
...	−59·668	−52·240	1·10	43·8268	9·6
.	56·604	−49·545	1·00	43·8269	9·6
..	56·539	−18·347	− 5	M	...
...	56·322	+25·8[illegible]6	− 5	...	...
...	56·187	+19·[illegible]64	0·95	.	...
*	−56·128	+ 0·320	1·45	42·7952	9·2
..	56·099	+20·710	− 5	...	...
..	55·996	+28·520	− 5	.	...
..	55·966	−47·843	− 3	.	..
...	55·887	−10·564	− 3	...	..
41					
...	−55·837	+41·966	− 5	...	...
.	55·669	−17·000	0·95	..	
...	55·639	− 3·815	− 5	...	...
*	55·491	+ 1·263	1·20	42·7953	9·2
...	55·194	+38·521	− 4	...	...
...	−55·092	− 8·089	− 3	.	...
...	54·999	−31·094	0·90	...	...
...	54·976	+50·[illegible]29	− 2	.	...
...	54·919	− 7·679	− 5	...	...
†	54·851	+59·940	0·95	41·8235	9·8
51					
...	−54·781	+33·491	− 1	..	...
...	54·709	−42·037	− 2	...	...
..	54·634	−17·313	− 5	M	..
‡	54·625	−39·433	1·35	43·8272	9·4
...	54·433	+24·979	− 4	...	...
...	−53·919	−35·044	− 5	...	...
†	53·841	+40·093	− 3	42·7954	10·1
..	53·802	+ 3·868	− 4	...	...
...	53·790	− 3·036	− 1	...	...
...	53·700	−10·138	− 4	...	..
61					
...	−53·601	+ 3·315	− 4	...	...
*	53·569	+42·422	1·60	42·7955	9·4
...	53·193	+ 7·232	− 5	...	...
..	53·122	−34·344	− 3	...	..
...	53·054	−17·340	− 5	E	...
...	−52·787	+ 1·109	− 4	...	...
...	52·753	+ 3·152	− 5	...	..
...	52·431	−22·062	− 5	...	...
...	52·399	+ 6·275	− 4	...	...
...	52·269	−25·644	0·90	...	...
71					
...	−52·186	−24·018	− 5	E	...
...	52·156	−57·581	1·15	43·8274	9·8
...	52·149	+25·677	− 5	...	...
...	52·126	−14·672	− 5	...	...
...	52·085	−48·719	− 5	...	...
...	−51·963	+ 0·270	− 5	...	...
...	51·899	−20·987	0·90	...	...
...	51·873	+ 3·740	− 3	...	...
...	51·716	+46·478	− 5	..	...
...	51·690	−48·299	− 5	E	...
81					
...	−51·644	− 4·573	− 2	...	...
...	51·600	+ 8·379	− 3	...	...
*	51·348	−22·943	1·60	43·8275	9·1
..	51·341	+14·769	− 3	...	...
*	51·204	+ 3·037	1·60	42·7956	9·4
...	−51·179	− 7·702	− 3	...	...
...	51·173	+24·404	− 1	..	...
...	50·801	−13·507	− 3	..	...
...	50·763	+45·689	− 4	...	..
...	50·660	−17·405	− 5	...	...
91–150					
91					
*	−50·604	+37·084	1·85	42·7957	9·6
*	50·243	−12·107	1·05	43·8276	9·8
...	50·132	+ 3·061	− 3	...	
...	49·713	−21·732	− 2	.	
†	49·650	+21·836	− 5	.	...
†	−49·544	+ 8·863	0·90	42·7958	10·2
†	49·503	−52·441	− 1	..	.
.	49·498	+13·323	− 5	.	
...	49·310	+34·037	− 5		...
...	49·263	+30·186	− 5		...
101					
...	−49·090	−56·442	0·65	.	...
.	49·061	+26·551	− 5	...	...
†	49·047	−27·764	1·10	43·8277	9·3
...	49·033	−30·885	− 5	M	...
..	48·983	−26·859	− 5	...	...
...	−48·902	−31·979	− 2	...	...
..	48·868	−13·950	− 5	M	...
...	48·666	+42·031	− 3	...	..
...	48·648	−10·065	− 5	...	...
...	48·507	−57·608	− 5	M	...
111					
*	−48·265	−45·500	1·15	43·8278	9·4
...	48·219	− 5·273	− 2	...	...
...	48·117	− 4·920	− 4	A	...
..	48·104	−50·570	− 4	...	...
...	48·050	−54·409	0·70	...	...
*	−48·036	+ 1·528	1·05	42·7959	9·6
..	47·999	−10·414	− 4	...	...
...	47·625	+18·335	− 3	...	...
...	47·609	− 3·984	− 5	M	...
*	47·547	+22·225	1·10	42·7960	9·6
121					
...	−47·238	+ 0·894	− 2	...	...
*	46·979	+54·831	1·10	42·7961	9·8
...	46·952	+ 2·820	0·70	...	...
	46·749	− 0·222	− 4	a	...
...	46·677	+27·407	0·70	...	...
...	−46·607	−20·482	0·70	...	...
*	46·545	+44·216	1·10	42·7962	9·9
...	46·501	+50·775	− 5	...	...
...	46·264	+ 0·471	0·65	...	...
...	46·239	+40·906	− 4	...	..
131					
...	−46·218	+30·653	− 1	...	...
...	46·177	+30·465	− 4	...	...
...	46·028	+45·310	− 3	.	...
...	45·787	− 9·314	− 1	...	...
S ‡	45·732	−24·651	2·05	43·8279	8·5
...	−45·648	+15·942	− 4	...	...
...	45·604	+ 6·006	− 5	..	...
...	45·572	+ 2·658	− 3	...	...
...	45·500	− 0·481	− 3	a	...
...	45·483	−24·455	− 5	M	..
141					
...	−45·481	−25·370	− 5	...	.
...	45·357	+14·206	− 2	...	...
.	45·314	−11·454	0·90	...	...
...	45·251	−49·119	− 5	M	...
...	45·249	+53·305	− 4	...	...
...	−45·190	+ 0·336	0·80	..	...
...	45·162	+48·307	− 4	...	...
...	45·099	+51·452	− 4	.	...
...	44·895	−17·209	− 5	..	...
...	44·867	+ 5·379	− 4	...	...
151–210					
151					
...	−44·814	+27·720	− 5	...	...
†	44·550	+44·782	1·70	42·7963	9·0
...	44·205	− 0·247	− 3	a	...
...	44·126	−18·994	− 5	M	..
.	43·871	+36·724	− 3	...	...
*	−43·758	+29·705	2·40	42·7964	8·4
...	43·756	+51·749	− 3	..	...
.	43·650	−16·824	− 5	M	...
.	43·624	− 1·372	− 4	...	...
...	43·575	+28·202	0·95	42·7659	10·1
161					
...	−43·280	−18·970	− 4	..	...
..	43·260	+ 2·775	− 4	...	...
*	43·086	− 2·240	1·60	43·8282	9·3
...	43·038	−12·021	− 4	...	...
...	43·004	−21·857	− 5	M	...
...	−42·978	−24·899	− 5	...	...
*	42·807	+ 7·980	1·10	42·7966	9·8
...	42·766	−16·459	− 4	...	...
...	42·724	−28·493	− 2	...	...
...	42·708	−29·642	− 5	M	...
171					
*	−42·631	+19·839	1·95	42·7967	8·8
...	42·621	+29·834	− 4	...	...
...	42·440	+ 5·817	− 2	...	...
...	42·352	−55·241	1·10	43·8281	9·8
...	42·253	+15·498	− 4	...	..
...	−42·245	−24·125	− 5	...	...
...	42·142	−22·558	− 4	...	...
...	42·131	−30·911	− 5	...	...
*	42·052	+37·675	1·15	42·7968	9·6
...	41·918	−14·337	− 2	...	...
181					
...	−41·885	−20·596	− 4	...	...
...	41·801	−20·563	− 3	...	...
*	41·879	−25·790	0·95	..	...
...	41·869	−21·234	− 2	...	...
.	41·449	+24·392	− 4	...	...
...	−41·275	−15·076	− 5	M	...
...	41·207	+15·065	− 4	...	...
...	41·165	+24·954	− 4	...	...
...	41·037	−27·135	− 3	..	...
...	40·932	+11·467	− 4	...	...
191					
...	−40·703	−25·019	− 3	...	...
...	40·684	+ 7·728	− 5	..	...
...	40·653	−10·471	− 4	...	...
...	40·601	−11·443	− 4	...	...
*	40·366	+12·982	1·00	42·7969	10·0
...	−40·347	−23·441	− 3	...	...
...	40·225	+29·566	− 4	...	...
...	40·133	+42·342	− 5	.	...
...	40·115	+ 0·972	− 1	...	...
...	40·027	+54·780	− 4	...	...
201					
*	−39·981	+40·357	1·15	42·7970	9·7
...	39·882	+22·591	− 3	...	...
...	39·424	−36·610	1·00	43·8283	9·8
...	39·302	+35·427	− 1	...	...
S *	39·062	+ 0·720	2·05	42·7971	8·4
...	−39·024	+16·250	− 4	...	..
...	38·874	− 3·887	− 4		..
...	38·651	−16·402	− 2	...	..
...	38·646	+16·602	− 4	...	..
...	38·572	−13·404	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
211–270					
211				°	
...	−38·222	−16·210	− 4	.	.
...	38·183	+22·314	0·90	..	..
...	38·170	+54·918	− 5	..	...
...	37·995	−24·141	− 1	...	...
*	37·939	+ 2·650	1·00	42.7972	10·0
...	−37·909	+21·908	− 1	..	...
†	37·599	+30·081	− 3	..	...
...	37·521	+25·373	− 5	...	...
...	37·515	−31·501	− 3	...	.
*	37·452	−22·108	1·00	.	...
221					
...	−37·438	+24·249	− 3		...
..	37·333	−24·173	− 5		...
...	37·320	− 9·193	0·75	...	...
...	37·233	−13·869	0·90	..	...
*	37·215	+ 5·100	1·05	42.7973	9·7
...	−37·103	+30·930	− 3	...	..
...	37·092	+42·065	− 5	...	..
..	37·087	− 8·593	− 5	M	..
...	36·892	+ 8·854	− 5	...	...
...	36·771	−16·110	− 3	...	...
231					
...	−36·762	+ 6·956	− 3	...	...
...	36·673	−10·062	− 5	...	...
..	36·633	− 1·258	− 5	M	..
...	36·608	+43·657	− 5	.	...
†	36·597	+55·075	− 4	...	...
...	−36·538	−18·189	− 4	..	
...	36·316	− 1·979	− 3		...
N [	36·297	+54·478	− 5		...
.	36·290	+22·547	− 1	...	...
+	36·197	+40·552	1·25	42.7974	9·4
241					
+	−35·976	− 9·183	1·15	43.8284	9·4
...	35·776	+ 5·746	− 5	...	
..	35·706	+31·610	− 3	.	.
	35·612	−25·904	0·75		...
..	35·578	+ 0·968	− 5		
	−35·548	+10·339	− 5		...
...	35·337	−11·790	0·65	...	...
*	35·328	+13·911	1·00	42.7975	10·0
...	35·088	−52·504	− 1	...	...
...	34·783	+ 0·955	− 3	...	...
251					
...	−34·738	− 5·418	− 4	A	...
†	34·618	−16·566	1·05	43.8285	9·6
N	34·249	−40·251	− 2	A	...
...	34·245	+47·833	− 4	...	...
	34·207	+55·153	− 5	...	
+	−34·134	+ 0·082	0·75	a	...
	34·121	+13·526	− 3	...	
..	34·113	+14·455	− 5		...
	33·98[illegible]	+28·123	0·95	...	..
...	33·89[illegible]	+ 9·920	− 5	...	..
261					
...	−33·851	− 3·617	− 4	...	
	33·83[illegible]	−54·781	− 5	M	..
.	33·75[illegible]	+12·274	0·65	...	..
	33·705	−30·736	− 5	M	...
...	33·453	+12·732	− 4	...	...
	−33·3[illegible]	−57·3[illegible]	− 5	M	...
...	33·2[illegible]	+27·306	− 5	..	.
..	33·2[illegible]	+41·542	− 5	..	...
...	33·111	−21·389	− 5	M	
†	33·031	+43·143	− 4	..	...
271–330					
271					
.	−32·968	−28·626	− 5	°	.
...	32·893	+ 1·417	− 5		...
...	32·876	+16·545	− 3		...
...	32·761	−27·501	− 4		...
...	32·705	+11·418	− 5	...	...
..	−32·586	+21·375	− 5	...	...
...	32·505	+12·685	− 5	..	...
...	32·402	+19·010	− 5	...	...
...	32·356	+ 3·591	0·80		...
...	32·309	+ 5·859	− 2	.	...
281					
...	−32·182	−25·348	− 5	M	...
...	32·138	+24·597	− 4	...	...
...	32·024	+44·566	− 4	...	..
...	31·897	−42·967	− 2	.	...
..	31·896	−56·268	− 3	...	...
..	−31·878	− 1·698	0·75	43.8286	10·2
...	31·831	− 5·820	− 5	...	...
*	31·771	− 3·031	1·00	43.8287	9·6
...	31·761	−24·112	− 5	M	...
...	31·733	+23·441	− 4	...	...
291					
...	−31·727	+56·846	− 1	42.7977	10·1
...	31·672	+34·046	0·85	42.7976	10·2
...	31·633	−55·861	− 3	...	..
...	31·384	−18·891	− 4	...	.
...	31·187	−23·146	− 1	..	...
..	−31·045	+42·728	− 3	...	...
*	30·895	+26·720	1·10	42.7978	9·6
*	30·812	− 2·449	1·15	43.8288	9·6
†	30·704	−29·688	− 4	...	...
...	30·592	−11·174	− 4	...	.
301					
...	−30·546	+32·161	− 2	...	...
*	30·500	− 6·938	1·15	43.8289	9·8
...	30·400	−28·743	− 1	...	...
...	30·303	− 3·885	− 1	...	.
...	30·236	+42·916	− 3	...	..
...	−30·173	+16·470	− 4		...
...	30·111	−20·063	− 4	..	...
..	30·031	− 4·335	− 3	...	.
...	29·928	−48·684	− 5	...	...
...	29·839	−28·119	− 4	...	...
311					
†	−29·703	+54·305	− 3	...	...
†	29·690	−15·890	1·00	43.8291	9·8
†	29·661	−16·196	1·00	43.8290	9·8
	29·313	+18·772	− 5		...
...	29·214	+13·906	0·85	...	...
.	−29·193	−51·557	− 4	..	...
..	29·148	−58·663	− 5	M	..
...	29·051	+35·681	0·70	..	.
...	28·943	−53·267	− 4	...	.
..	28·809	+19·479	− 4	...	...
321					
..	−28·753	− 9·322	− 5	M	
...	28·657	−22·718	− 4	...	.
...	28·595	+46·785	− 4	...	...
..	28·558	+16·[illegible]18	− 5		...
.	28·554	+ 3·045	0·70	..	...
..	−28·493	−10·526	0·95	.	..
	28·339	+12·658	− 4		..
†	27·865	− 9·[illegible]47	− 4	...	.
.	27·796	−47·723	− 5	M	...
*	27·631	−11·202	0·95	...	...
331–390					
331					
*	−27·619	+32·435	2·00	42.7979	8·8
*	27·426	−32·829	1·10	43.8292	9·3
†	27·266	+40·021	− 3	...	...
...	27·146	+ 3·242	− 5	...	...
...	26·981	− 9·172	− 5	M	...
*	−26·724	+25·614	1·80	42.7980	9·0
...	26·631	+ 2·838	0·90	...	...
...	26·541	+25·979	− 4	...	..
...	26·471	−36·345	− 5	M	...
...	26·359	−11·785	− 5	M	...
341					
.	−26·040	−13·854	− 4	...	...
..	26·037	+21·406	− 5	...	...
...	25·957	−11·834	− 4	B	...
*	25·896	− 2·645	1·30	43.8293	9·3
...	25·887	−10·191	− 4	...	...
...	−25·866	−13·565	0·90	...	...
	25·846	+41·030	1·00	42.7981	10·2
...	25·770	+11·830	0·95	...	..
...	25·119	+ 4·229	− 5	...	..
...	25·076	− 1·928	− 2	...	.
351					
...	−25·010	−36·293	− 5	M	...
..	24·955	+23·984	− 5	...	..
...	24·884	−22·510	− 4	...	...
..	24·859	+53·150	0·80	42.7982	9·8
...	24·520	−20·148	− 1	...	...
...	−24·458	−30·316	1·00	43.8294	9·8
...	24·39[illegible]	− 5·827	− 1	..	...
.	24·360	+ 9·804	− 4		
...	24·351	+23·434	− 4		
...	24·322	− 9·053	− 5		..
361					
N [	−24·30[illegible]	+30·338	− 2		...
...	24·270	+ 6·875	− 4	.	...
...	24·144	+25·672	− 5	.	...
*	24·042	+37·924	1·20	42.7983	9·6
...	23·985	−56·257	− 5	M	...
...	−23·771	− 1·448	− 1	...	...
*	23·671	−47·526	1·10	43.8295	9·8
...	23·611	−36·217	− 5	M	...
*	23·553	+23·813	1·85	42.7984	9·0
...	23·542	+45·182	− 1	42.7986	10·1
371					
*	−23·515	+19·037	0·90	42.7985	10·0
...	23·505	+47·985	− 5		...
	23·498	−13·209	− 4	...	.
..	23·423	+43·335	− 5	..	..
...	23·286	−44·464	0·90		...
...	−23·237	+ 3·518	− 3	..	...
	23·198	−25·436	− 5	M	...
*	23·194	+28·052	1·00	42.7987	10·0
...	23·192	−32·592	− 1	...	..
...	23·047	− 8·955	− 3	...	.
381					
...	−23·041	+29·628	− 5		...
	22·947	−31·693	− 4		.
	22·878	+23·006	− 5	...	...
...	22·797	+28·926	− 5	...	..
*	22·778	−19·188	1·00	...	.
	−22·772	−24·180	0·65		
...	22·760	−27·754	0·65		...
.	22·684	+ 5·962	− 4	...	..
..	22·632	+ 6·036	− 4		...
...	22·682	−19·495	0·75	...	...

238. Mass. 42·107, two stars.
361. Mass. 42·107, two stars.
44°·107, not measurable, as both images are obscured by réseau.

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
391–450					
391					
...	−22·657	−35·092	− 1	...	...
...	22·638	+40·762	1·00	42.7988	9·9
*	22·583	+45·657	1·10	42.7989	9·7
...	22·222	+ 4·634	− 5	..	..
.	22·077	+ 7·851	− 5	...	...
*	−22·076	+20·915	1·00	42.7990	10·0
	22·048	−19·256	− 2	..	..
.	21·795	+21·852	− 4	...	.
	21·568	+12·402	− 3	...	...
...	21·553	− 7·940	− 5	M	
401					
..	−21·332	+12·510	− 4		..
...	21·306	+53·787	− 5		...
.	21·140	+21·639	− 1		...
...	21·088	−55·543	− 1		
...	21·046	−20·792	− 3		.
...	−20·964	+22·162	− 5		..
..	20·874	+52·520	− 5	.	...
..	20·865	+31·643	1·00	42.7991	10·2
...	20·720	+30·840	− 3	..	...
...	20·500	−34·256	− 3	...	...
411					
*	−20·453	+12·982	1·90	42.7992	8·6
...	20·333	+ 6·337	− 5	...	...
...	20·302	−38·439	1·00	43.8296	9·8
...	20·106	+38·509	− 1	42.7993	10·2
...	20·082	− 2·452	− 4	...	...
..	−20·001	−31·454	− 5	M	...
..	19·951	+ 6·995	− 5	A	.
...	19·936	+32·805	− 5	...	...
‡	19·775	−44·598	− 5	M	..
†	19·666	−18·565	− 2	...	..
421					
†	−19·663	+23·455	0·85	...	..
.	19·616	+46·011	− 4	...	..
..	19·568	−17·921	− 5	M	
..	19·295	+ 2·000	− 3	...	.
...	19·212	− 2·265	− 5	M	...
*	−19·031	−23·587	0·95	...	.
.	18·889	+36·402	− 2	...	...
†	18·744	+15·087	0·75	...	..
..	18·661	−29·419	− 5	M	...
...	18·605	−11·198	− 3	...	.
431					
*	−18·579	−16·446	1·70	43.8298	9·2
*	18·555	−28·346	1·10	43.8297	9·4
*	18·499	−14·965	1·10	43.8299	9·6
*	18·473	+43·777	3·00	42.7994	7·8
...	18·328	−30·345	− 5	...	...
...	−18·235	−10·132	− 4	B	...
*	18·227	+46·720	1·20	42.7995	9·4
†	17·883	+35·009	− 5	...	...
..	17·768	+49·255	0·90	42.7996	10·2
...	17·741	−58·916	− 5	...	...
441					
...	−17·540	+56·427	0·95	42.7997	10·0
...	17·451	−36·718	− 2	...	...
.	17·263	− 9·485	− 4	...	...
..	17·071	+35·977	0·80	...	...
*	17·048	+51·163	1·20	42.7998	9·6
...	−16·912	+15·060	0·65	...	...
...	16·874	+57·254	− 5	...	...
*	16·846	−25·423	1·00	43.8300	9·8
...	16·783	+17·181	− 5	...	...
...	16·747	+52·186	1·00	42.7999	10·2
451–510					
451					
.	−16·608	−11·666	− 5	M	...
.	16·470	+36·901	− 5	...	.
..	16·370	+20·522	0·65	...	
...	16·264	+42·145	− 5	...	.
...	16·234	+53·781	1·00	42.8000	10·1
	−16·120	+12·914	− 5	..	...
..	15·965	+56·250	− 5	..	.
.	15·865	−24·311	− 3	...	..
*	15·809	− 5·988	1·00		...
...	15·729	+52·687	− 5	..	..
461					
*	−15·700	+34·219	2·10	42.8001	8·6
	15·653	−11·612	0·95	43.8301	9·8
.	15·538	+22·506	− 5	...	...
...	15·517	− 7·431	− 5	M	...
.	15·322	+ 3·273	− 4	...	...
*	−15·271	−17·265	1·10	43.8302	9·8
*	15·104	+ 3·936	1·00	42.8002	9·9
S *	15·069	− 7·064	2·10	43.8303	8·5
...	14·964	+16·555	− 4	...	...
...	14·943	−50·314	− 5	M	...
471					
...	−14·913	−47·571	− 3	...	..
..	14·905	+36·046	− 4	...	...
...	14·879	+38·548	1·00	42.8003	10·1
†	14·670	−18·738	− 5	M	...
†	14·656	+55·003	− 4	...	...
.	−14·604	+12·528	− 4	...	...
...	14·475	−58·020	− 5	...	...
...	14·456	+ 5·927	0·95	42.8004	10·2
*	14·335	−56·869	1·05	...	...
...	14·319	+47·748	− 5	...	...
481					
...	−14·261	+48·998	− 5	...	...
S *	14·231	+42·122	2·83	42.8005	8·0
...	14·208	+34·769	− 4	...	...
...	13·991	−31·831	− 4	...	...
.	13·856	−28·384	− 5	M	...
...	−13·826	−14·862	− 5	M	...
...	13·822	− 5·703	0·65	...	...
...	13·740	+22·019	− 5	...	...
...	13·670	+43·859	− 2	...	..
...	13·533	−58·120	− 5	M	...
491					
...	−13·463	−54·101	− 4	A	..
...	13·273	− 0·450	− 2	..	...
...	13·227	−36·443	− 3	..	...
..	13·224	− 8·461	− 3	.	...
...	13·176	−18·382	− 1	..	..
..	−13·172	+28·114	0·65	..	...
...	13·078	−20·468	− 4	...	...
*	13·047	−38·240	1·15	43.8304	9·6
...	13·024	−33·483	− 4	B	...
...	12·984	− 7·693	− 3	...	...
501					
*	−12·841	−38·665	1·00	43.8305	9·6
.	12·788	−50·889	− 4	...	...
..	12·765	+34·996	− 5	...	...
..	12·689	+21·151	− 5	...	...
...	12·588	+59·497	− 3	...	...
...	−12·540	−38·621	− 2	.	...
...	12·499	+31·473	− 4	.	...
...	12·453	− 0·493	− 3	...	...
...	12·432	− 6·268	− 5	M	...
...	12·332	− 2·343	− 4	M	...
511–570					
511					
	−12·288	−31·590	− 5	...	...
	12·174	+17·180	− 4	...	...
*	12·063	+37·184	1·15	42.8006	9·7
...	12·049	+13·187	− 4	..	...
...	12·010	+38·963	− 3	...	.
...	−11·891	− 5·824	− 4	M	...
.	11·884	−41·687	− 3	.	..
.	11·837	−17·635	− 2		...
...	11·694	+17·641	− 5	...	..
..	11·426	+39·735	− 3	...	...
521					
*	−11·066	−46·892	1·00	43.8306	9·6
*	10·990	− 9·478	1·10	43.8307	9·6
...	10·989	+29·124	0·75	..	...
..	10·674	+40·710	− 4	...	...
...	10·658	−48·285	− 3	...	...
†	−10·419	−14·725	− 4	M	...
.	10·297	+28·043	− 5	A	...
..	10·287	−31·940	− 4	...	...
	10·262	+17·229	− 4	..	...
...	10·123	+43·716	− 5	...	...
531					
...	−10·085	+ 4·215	− 5	A	...
†	9·835	+50·033	− 4	...	...
...	9·833	−57·285	− 5	...	...
‡	9·737	+ 4·653	1·60	42.8007	9·0
...	9·328	+42·907	1·00	42.8008	10·1
...	− 9·150	+36·257	− 3	...	...
...	9·103	+56·309	− 5	...	...
*	9·065	−14·468	1·10	43.8308	9·5
...	8·940	+53·477	− 5	...	...
...	8·824	−13·972	− 5	M	...
541					
...	− 8·797	+29·890	− 5	...	...
...	8·793	−32·589	− 3	...	..
	8·768	+ 30·437	− 4	...	...
...	8·737	+12·367	− 5	A	...
...	8·736	+18·066	− 4	...	..
...	− 8·634	−19·306	0·65	...	...
*	8·592	+ 4·742	0·95	42.8009	10·1
N	8·578	− 8·789	0·85	43.8309	9·8
N *	8·534	− 8·760	1·00		
...	8·534	+35·367	− 5	...	...
551					
...	− 8·261	+12·819	− 4	...	...
†	8·063	+ 0·239	− 5	a	...
...	7·843	+40·693	− 3	...	...
...	7·636	−13·176	− 5	M	...
...	7·624	+12·781	− 1	...	...
...	− 7·558	−53·396	− 1	...	...
...	7·491	+33·054	− 5	...	...
†	7·390	−29·737	− 5	...	...
...	7·365	+50·915	− 4	...	...
...	7·329	+ 3·186	− 4	...	...
561					
...	− 7·200	+30·521	0·95	42.8010	10·1
..	7·095	+ 5·078	− 5	...	...
...	7·068	+12·666	− 4	...	...
...	7·065	+55·535	0·95	42.8012	10·2
...	7·026	+ 5·535	− 5	B	...
...	− 6·809	−46·988	− 5	...	...
*	6·795	+18·659	1·00	42.8011	9·8
...	6·788	−10·088	− 1	...	...
...	6·610	−18·640	− 3	...	...
...	6·567	+37·724	− 2	...	...

548, 549, 44c·107, mass.

571–630

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. − 2.	C.P.D. No.	C.P.D. Mag.
571					
...	− 6′556	−25′738	− 4	° ...	...
*	6·508	+ 6·189	1·10	42.8013	9·7
...	6·492	+21·689	− 2	...	...
	6·457	− 4·394	− 4	M	..
...	6·438	−10·507	− 5	M	...
..	− 6·359	− 4·245	− 5	M	..
...	6·346	+28·250	− 1	.	...
..	6·293	+22·466	− 3	.	..
...	6·277	+32·040	− 1	...	...
...	6·235	−40·461	0·85	...	...
581					
...	− 6·114	−16·923	− 4	.	..
..	6·069	+25·394	− 3	..	...
...	6·056	+10·776	− 5	A	...
...	6·010	+47·172	− 5	.	...
..	5·990	−43·067	− 5	...	...
...	− 5·985	− 5·660	− 5	.	...
	5·930	+10·118	− 3	.	...
...	5·658	−34·661	0·75	...	..
...	5·583	+ 7·263	− 4	..	...
...	5·519	+25·849	− 3	..	...
591					
...	− 5·385	+16·110	− 5	...	...
*	5·254	+13·437	1·15	42.8014	9·6
...	5·225	+16·410	− 5	B	.
..	4·873	−57·017	− 3	...	..
†	4·677	−32·696	− 2	...	...
...	− 4·604	+41·709	− 4	...	..
...	4·384	+46·304	− 4	...	.
...	4·296	+13·138	− 5	*m*	.
...	4·183	+53·948	− 5	...	.
..	4·126	+ 5·755	− 5	M *m*	...
601					
.	− 4·107	+56·136	− 3	...	...
...	4·047	+20·616	0·90	42.8015	10·1
..	4·011	+ 4·302	− 1	...	..
	3·942	+ 9·762	− 3	*m*	...
*	3·836	+17·115	1·05	42.8016	10·0
...	− 3·512	−23·341	− 4	...	...
	3·487	+53·691	− 5	*m*	...
...	3·400	+40·360	− 3	...	...
†	3·378	−36·366	1·00	...	..
...	3·185	−13·728	− 1	...	..
611					
..	− 3·137	+20·315	0·85	42.8017	10·2
.	3·124	−31·153	− 5	M *m*	...
..	3·111	+55·179	− 4	.	...
...	3·111	−55·739	− 4	.	..
	3·063	−16·009	− 5	M *m*	.
	− 2·921	+55·304	− 5	*m*	..
*	2·899	− 6·364	1·15	43.8310	9·8
	2·822	−20·260	0·75	...	.
...	2·794	+54·063	− 5	.	...
.	2·732	− 7·571	− 5	M *m*	.
621					
.	− 2·687	+37·148	− 1	...	..
	2·674	−13·875	− 5	M *m*	.
	2·664	+38·725	− 5	..	.
	2·659	−36·441	− 4		.
	2·648	+ 5·919	− 2		.
N	− 2·630	−31·121	1·15	43.8311	9·3
	2·385	+ 9·034	− 2	...	.
*	2·360	−30·026	1·15	43.8312	9·6
*	2·303	+19·004	0·95	42.8018	10·2
...	2·232	−26·319	− 3	...	...

631–690

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. − 2.	C.P.D. No.	C.P.D. Mag.
631					
...	− 2′167	−27′284	− 4	° .	...
...	2·162	+30·203	− 3	.	..
.	2·081	+17·855	− 4	..	...
..	2·031	−11·002	− 4	*m*	..
..	2·007	+41·669	− 3	.	...
...	− 1·889	− 8·876	− 1	.	...
...	1·785	− 8·626	− 1	...	...
...	1·734	− 0·534	− 1	...	...
...	1·696	− 8·825	− 4	M	...
..	1·589	−15·303	1·00	...	..
641					
...	− 1·575	−10·196	− 5	M *m*	...
...	1·556	+32·017	− 2	...	...
...	1·552	+40·756	− 5	A *m*	...
*	1·389	−10·547	1·00	..	...
...	1·381	+35·798	− 3	..	...
..	− 1·363	+ 3·419	0·65	..	...
...	1·334	−23·903	− 5	M *m*	..
...	1·290	−25·716	0·95	...	...
...	1·094	+55·822	− 4	...	...
...	1·012	−40·502	− 4	...	...
651					
...	− 0·940	−48·858	− 4	...	...
*	0·905	−10·624	2·85	43.8313	8·2
...	0·807	+42·730	− 2	...	...
...	0·777	− 1·857	− 5	M *m*	..
..	0·776	+ 5·906	− 3	*m*	...
..	− 0·741	+25·375	− 1	.	...
...	0·692	+35·537	− 2	..	...
..	0·661	+43·344	− 3	.	...
...	0·447	+47·906	− 5	*m*	...
...	0·345	−18·912	− 1	...	...
661					
*	− 0·255	−36·012	1·05	43.8314	9·8
..	+ 0·110	− 3·854	− 3	M	...
...	0·156	−35·096	− 3	...	...
†	0·273	+18·292	0·80	.	...
†	0·335	−17·256	0·70	...	..
...	+ 0·337	+24·167	− 5	*m*	...
†	0·345	− 1·870	0·90	43.8315	10·2
*	0·578	− 3·665	1·05	43.8317	9·8
S *	0·725	−34·127	1·95	43.8316	8·8
...	0·837	+20·909	0·90	...	...
671					
..	+ 0·858	+14·036	0·90	...	...
...	0·862	+53·006	0·75	...	..
...	0·956	+21·698	− 5	*m*	...
.	0·981	−45·872	0·80		...
.	1·005	+33·772	− 3	..	...
..	+ 1·062	+38·246	− 4	.	.
...	1·164	+26·052	− 3	.	.
..	1·173	+41·731	− 2	...	.
...	1·216	− 4·566	0·75	...	.
..	1·284	+21·198	− 5	*m*	..
681					
...	+ 1·409	−56·398	− 5	M *m*	...
...	1·743	+13·067	− 1	...	.
	1·745	− 2·121	− 5	M	.
.	1·799	−57·505	0·65	...	...
.	1·818	+15·773	− 5	M *m*	...
.	+ 1·898	− 5·964	− 3	M	...
...	1·909	− 5·559	− 1	...	...
	1·936	−43·740	− 3	...	.
.	2·133	−40·001	− 5	M	...
..	2·207	+17·782	0·70	...	...

691–750

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. − 2.	C.P.D. No.	C.P.D. Mag.
691					
...	+ 2′239	−15′150	− 3	° ..	...
...	2·313	− 0·287	− 5	M *m*	...
...	2·508	−33·644	− 5	...	...
*	2·521	+49·900	1·05	42.8019	9·7
...	2·534	+18·600	− 1	...	...
†	+ 2·574	−39·742	0·80	...	...
...	2·769	−23·914	− 3	...	...
...	2·790	−34·290	− 5	M	...
...	2·899	−29·318	0·85	..	...
...	2·925	+36·629	0·80	...	...
701					
...	+ 2·964	− 7·055	− 4	.	...
...	2·989	+13·995	− 2	...	...
...	3·038	−15·763	− 1	...	...
*	3·098	+49·079	1·25	42.8022	9·2
...	3·117	+21·808	0·85	42.8020	10·2
*	+ 3·158	−34·226	1·00	43.8318	9·8
*	3·178	+24·190	1·15	42.8021	9·4
*	3·318	+47·063	0·95	42.8023	10·0
...	3·336	− 5·537	− 3	M	...
...	3·453	−12·113	− 5	M *m*	...
711					
..	+ 3·645	−43·810	0·75	...	...
...	3·758	+ 8·404	0·65	...	...
...	3·853	+36·594	− 5	*m*	...
..	3·910	− 4·488	− 3	...	..
...	4·105	−29·202	− 5	M	...
.	+ 4·176	+33·067	0·65	..	.
...	4·433	−56·518	− 3	...	.
..	4·475	+26·889	− 2	...	...
N *	4·506	−36·317	1·10	43.8319	9·8
...	4·562	− 2·319	− 4	M	...
721					
...	+ 4·726	+ 7·154	− 5	B *m*	...
*	4·801	+41·175	1·15	42.8024	9·8
...	4·861	+12·307	− 1	...	...
...	5·097	− 1·744	0·65	...	...
*	5·100	−11·263	1·70	43.8320	9·0
...	+ 5·104	+ 4·842	0·65	...	...
†	5·223	+12·261	− 1	...	...
...	5·397	+59·123	− 5	...	...
...	5·468	+29·464	− 5	*m*	...
*	5·608	− 8·340	1·00	...	...
731					
..	+ 5·665	+ 3·669	− 4	*m*	..
..	5·763	+30·721	− 4	*a*	..
..	5·817	+35·000	− 3	...	...
..	5·922	+48·423	− 3	...	...
..	6·019	+ 6·289	1·00	42.8025	10·1
.	+ 6·187	+27·321	− 5	*m*	...
...	6·279	− 1·295	− 5	*m*	..
..	6·393	+ 7·453	− 5	*m*	...
*	6·397	+19·987	1·15	42.8026	9·7
...	6·530	− 0·998	− 3	..	...
741					
..	+ 6·653	+ 6·278	− 3	...	.
..	6·656	+35·727	− 2	.	.
...	6·723	+24·468	− 3	...	.
...	7·072	+ 2·457	− 4	*m*	..
...	7·106	+ 1·049	− 2	...	...
...	+ 7·318	−13·286	− 3	...	..
.	7·371	−22·256	− 4	.	.
..	7·457	+28·920	− 4	...	...
.	7·490	− 0·295	− 5	..	...
*	7·532	+33·334	1·15	42.8027	9·8

[illegible] of duplicity ; 44′·18, two star[illegible] 44′·10″, no sign of duplicity ; 41′·18, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z	C.P.D. No.	C.P.D. Mag.
	751–810				
751					
†	+ 7·539	+ 0·312	− 5	m	..
...	7·699	+ 3·781	− 3	.	...
*	7·731	+ 3·387	1·2	42.8029	9·6
..	7·765	+ 1·37[illegible]	− 5	m	..
...	7·882	+26·058	1·00	42.8028	10·1
...	+ 8·096	+ 6·566	− 4	m	...
*	8·117	−48·972	1·50	43.8321	9·4
...	8·326	+25·962	− 1	...	..
...	8·480	+17·443	− 3	...	..
a *	8·558	+ 2·112	1·15	42.8030	9·6
761					
...	+ 8·594	−37·129	− 3	...	...
...	8·713	+ 8·273	− 5	m	...
...	8·884	+27·442	− 5	m	...
*	9·008	−22·695	1·80	43.8322	9·2
...	9·014	−37·809	− 4	...	...
..	+ 9·086	+ 0·896	− 4	m	...
*	9·127	−32·482	1·40	43.8323	9·4
...	9·212	+ 2·155	− 2	...	...
...	9·219	+47·761	− 1	...	...
...	9·223	+27·499	− 5	m	...
771					
...	+ 9·293	−41·896	− 5	m	...
...	9·325	−14·558	− 1	...	...
...	9·357	+38·402	− 5	m	...
*	9·646	−18·122	1·15	43.8324	9·6
...	9·795	+52·217	− 3	...	...
...	+ 9·814	−11·932	− 4	...	...
†	9·873	−14·794	− 4	...	...
...	10·154	+12·573	− 5	m	...
†	10·266	−19·835	1·00	43.8325	9·8
...	10·422	+14·600	− 4	m	...
781					
...	+10·530	−33·525	0·85	...	...
...	10·596	+15·287	0·90	42.8031	10·2
...	10·616	+29·665	0·70	...	...
*	10·656	+25·465	1·00	42.8032	9·8
*	10·765	+10·406	1·00	42.8034	9·8
*	+10·784	+19·133	1·20	42.8033	9·6
...	10·889	− 0·748	− 5	m	...
...	10·893	+ 0·058	− 5	m	...
...	10·958	−39·900	− 1	...	...
...	11·513	+33·530	− 3	...	...
791					
...	+11·566	−12·944	− 4	...	...
*	11·816	+46·831	1·90	42.8035	8·8
..	12·022	+49·116	1·05	42.8036	10·2
*	12·119	+ 4·081	1·05	42.8037	9·7
...	12·219	+54·132	− 4	...	...
...	+12·272	−32·105	− 5	...	...
...	12·279	−40·682	− 5	...	...
...	12·298	+20·477	− 5	m	...
...	12·307	+39·257	0·65	...	...
...	12·475	− 2·493	− 5	...	...
801					
...	+12·495	−40·289	− 2	...	...
...	12·644	−24·249	− 5	...	...
...	12·645	+56·001	− 4	...	...
...	13·031	−17·423	0·85	...	...
...	13·203	+ 1·739	0·85	...	...
...	+13·331	+51·699	0·65	...	...
...	13·357	+ 6·258	− 5	m	...
...	13·419	+24·959	− 5	m	...
†	13·431	+ 0·202	− 5	m	...
...	13·654	−49·767	− 5	...	...
	811–870				
811					
...	+13·682	+42·719	− 2	...	..
...	13·739	−28·160	− 5	.	...
*	13·755	−21·337	1·05	43.8326	9·5
...	13·757	− 5·232	− 4	...	.
...	13·841	−33·423	− 5	.	...
...	+13·892	−35·961	− 4	...	.
..	13·933	− 1·502	− 5	m	...
...	14·178	−34·943	− 5	m	
...	14·166	−32·931	− 1	...	.
...	14·210	−19·855	0·70	...	...
821					
.	+14·210	−49·289	0·65	...	..
...	14·262	+53·069	− 3	...	.
...	14·325	+15·487	− 3	...	..
...	14·415	−25·982	− 4	...	..
...	14·416	+19·416	− 5	m	...
.	+14·571	−28·131	0·65	...	..
...	14·608	− 0·617	− 4	...	...
...	14·625	+45·439	− 4	h	..
...	14·693	−29·423	− 5	...	...
...	14·749	+ 2·517	0·90	...	...
831					
...	+14·895	+38·016	− 5	...	...
...	14·953	− 2·708	− 5	m	...
†	15·130	+32·734	− 3	...	...
†	15·247	− 6·217	− 4	...	...
S ‡	15·277	−41·695	2·45	43.8327	8·3
...	+15·446	−16·574	− 4	...	...
...	15·447	+36·898	− 3	...	...
...	15·474	+ 5·864	− 5	m	...
...	15·536	−31·300	− 5	...	...
...	15·543	+40·778	− 2	...	...
841					
*	+15·605	+35·562	1·10	42.8038	9·6
...	15·641	+ 7·143	− 5	...	...
...	15·845	+18·038	− 4	...	...
...	15·887	+24·957	− 1	...	...
...	15·904	+23·815	− 2	...	...
...	+15·982	−39·010	− 3	...	...
...	16·055	+57·001	− 2	42.8039	10·1
S *	16·152	+ 7·562	2·70	42.8040	8·2
...	16·443	+ 7·323	− 2	...	...
...	16·522	−31·679	− 5	...	..
851					
...	+16·534	+51·950	− 5	...	...
...	16·668	+16·504	− 4	m	...
...	16·824	−46·569	− 4	...	...
...	16·913	−15·109	0·80	...	...
...	16·981	− 4·078	− 5	...	...
...	+16·983	+22·755	− 1	...	...
...	17·010	+ 9·484	− 5	m	...
...	17·193	+25·066	− 3	...	..
...	17·273	+ 8·603	− 5	...	...
...	17·277	− 2·846	− 3	...	...
861					
...	+17·501	− 8·210	− 4	...	...
*	17·570	− 1·056	1·15	43.8328	9·6
...	17·692	+14·768	− 1	...	...
*	17·958	+41·971	1·15	42.8041	9·7
...	18·052	+51·967	− 5	...	...
...	+18·132	+47·815	− 3	...	...
...	18·230	− 3·531	− 5	...	...
...	18·232	− 8·868	− 4	...	...
...	18·264	− 8·587	− 1	...	...
*	18·270	+50·831	1·50	42.8042	9·2
	871 930				
871					
...	+18·334	−13·281	− 3	...	...
.	18·361	+19·432	3	...	.
...	18·465	+17·850	− 5	m	..
...	18·478	+58·132	− 4	...	..
...	18·504	+43·997	− 5	...	
...	+18·600	− 4·237	− 4	...	...
...	18·640	−51·197	5	...	...
...	18·734	+39·168	− 5	...	...
*	18·847	−37·993	1·05	...	...
...	18·905	−51·370	− 4	..	...
881					
...	+19·001	+ 2·904	− 5	m	...
...	19·011	+35·608	− 1	42.8043	10·2
...	19·029	+25·766	− 4	...	...
...	19·496	+37·796	− 4	...	...
...	19·523	−30·954	− 3	...	...
*	+19·598	+ 2·945	1·10	42.8044	9·6
...	19·599	+38·284	− 5	...	...
...	19·824	+16·884	− 5	...	...
*	19·876	+50·594	1·05	42.8045	9·8
...	19·894	−16·923	1·00	...	...
891					
...	+20·148	− 6·806	− 4	...	...
†	20·208	−27·452	− 3	..	...
†	20·290	−13·671	0·65	...	...
*	20·358	+ 7·759	1·20	42.8046	9·2
*	20·394	+39·786	1·00	42.8047	10·1
*	+20·440	+ 1·626	2·00	42.8048	9·0
...	20·526	+ 1·856	− 3	...	...
...	20·560	+ 9·323	− 5	m	...
...	20·586	+14·685	− 4	a	...
*	20·609	+ 9·103	1·10	42.8049	9·6
901					
...	+20·616	+10·638	− 4	a	...
...	20·631	−25·808	− 4	...	...
...	20·710	−25·520	− 5	...	...
...	20·787	+32·035	0·85	...	...
...	20·828	+ 7·330	− 4	...	...
*	+20·832	+39·407	1·80	42.8050	9·2
...	20·920	+41·262	1·00	42.8051	10·2
...	21·038	− 0·066	− 3	a	...
*	21·138	−36·937	1·00	43.8329	9·8
...	21·221	+34·701	0·90	...	...
911					
...	+21·428	−21·955	0·65	...	...
...	21·449	+48·457	0·90	42.8052	10·2
...	21·468	− 3·568	− 5	...	...
...	21·525	−10·833	− 3	...	...
...	21·553	−20·840	− 2	...	...
...	+21·630	−32·959	− 4	...	...
...	21·767	−50·418	− 5	...	...
*	21·837	+18·331	1·30	42.8053	9·2
...	21·873	− 4·425	− 1	..	...
...	21·918	−20·703	− 5	...	...
921					
...	+21·992	+17·304	0·90	42.8054	10·2
...	21·994	+ 8·252	0·65	...	...
...	22·073	− 9·804	− 1	...	...
...	22·091	− 0·496	− 4	...	...
...	22·212	−26·441	0·80	...	...
...	+22·268	− 6·975	0·90	...	...
...	22·277	−47·348	− 2	...	...
...	22·306	−25·624	− 3	...	...
...	22·327	−35·840	− 3	...	...
...	22·583	+20·927	− 1	...	...

931–990

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
931					
...	+22·[illegible]	+14·500	− 2	...	...
...	22·[illegible]	+33·179	− 5	...	...
*	22·839	+27·685	1·30	42.8055	9·2
*	22·923	−46·921	1·15	43.8330	9·4
...	22·986	+ 1·261	− 5	"	...
.	+23·045	−37·[illegible]	− 4	..	...
...	23·[illegible]	+52·143	− 1	...	...
...	23·210	+39·801	0·80	42.8056	10·2
†	23·224	−29·660	− 2	...	...
...	23·334	+18·820	− 1	...	...
941					
..	+23·349	+17·318	0·90	..	...
...	23·528	−16·762	− 3	...	...
...	23·684	+38·126	− 1	...	...
..	23·[illegible]	+54·794	0·85	42.8057	10·2
...	23·926	+14·667	0·70	...	...
...	+23·985	−27·630	− 5	...	...
...	24·050	−10·605	− 1	..	...
...	24·286	− 8·920	− 4	...	...
...	24·497	+37·034	− 4	..	..
...	24·500	−15·847	− 4	...	...
951					
..	+24·667	+22·271	0·85	...	...
...	25·315	− 2·567	− 4	.	...
†	25·323	−10·253	− 1	...	...
*	25·366	−23·242	1·10	43.8331	9·8
...	25·485	+46·730	− 4	...	...
...	+25·517	+33·253	− 5	...	...
...	25·584	+29·098	− 4	...	...
...	25·615	+40·751	− 4	...	...
...	25·822	− 8·399	− 4	...	...
*	25·871	+44·823	1·20	42.8058	9·6
961					
.	+26·034	− 9·020	− 5	...	...
...	26·171	−46·354	− 5	...	...
...	26·284	+10·577	− 5	m	...
...	26·507	−10·762	0·90	...	...
*	26·524	−21·400	1·70	43.8332	9·1
...	+26·575	+21·789	− 5	...	...
*	26·657	+41·146	1·85	42.8059	9·0
..	27·113	+34·661	− 5	...	...
...	27·118	+14·576	− 1	42.8060	10·2
..	27·202	−17·956	− 4	...	...
971					
.	+27·226	−45·322	− 5	...	...
...	27·274	+17·662	− 2	...	...
...	27·466	+16·656	− 5	..	...
...	27·539	−17·257	− 5	...	..
...	27·562	+ 2·046	− 5	m	...
*	+27·939	+ 2·843	1·10	42.8061	9·7
a	28·054	+ 0·194	1·85	42.8062	9·2
.	28·256	+ 4·586	− 5	m	...
...	28·623	+ 4·927	− 4	...	...
*	28·636	+ 5·761	2·50	42.8063	8·4
981					
.	+28·791	+33·356	− 5	...	...
...	28·848	−46·285	− 4	...	...
...	28·884	− 5·662	− 5	.	...
	28·995	+ 1·346	− 4	m	...
*	29·117	+25·815	1·25	42.8064	9·9
*	+29·160	− 7·786	1·00	...	..
.	29·176	−43·384	− 4	..	..
.	29·194	+12·728	− 3	...	...
...	29·196	+51·[illegible]	− 3		...
...	29·354	−52·974	− 1	42.8065	10·1

991–1050

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
991					
...	+29·364	+20·790	− 4	...	..
...	29·387	+50·652	− 4		...
†	29·409	−39·607	− 4	...	...
...	29·558	−16·523	− 4	..	...
...	29·560	− 0·817	− 5	...	...
...	+29·774	−45·469	0·90	43.8334	10·1
...	29·825	−23·467	− 1	...	...
...	29·859	−17·604	− 5	...	...
...	29·917	+22·500	− 5	...	...
*	30·003	−12·992	1·40	43.8333	9·6
1001					
‡	+30·179	+ 4·712	1·05	42.8066	9·6
S ‡	30·186	− 8·238	2·20	43.8335	8·3
†	30·310	−52·258	1·00	43.8336	10·1
...	30·461	−54·961	− 5	.	...
...	30·535	+46·953	− 3	...	...
*	+30·592	+20·351	1·20	42.8067	9·6
...	30·725	−18·856	− 2	...	...
...	30·786	+19·508	− 3	...	...
*	30·819	+54·949	1·10	42.8068	9·8
*	30·861	−25·753	1·05	43.8337	9·6
1011					
...	+30·920	+11·373	0·80	...	...
...	30·985	+50·467	1·00	42.8069	10·0
...	31·058	−55·235	− 1	...	...
...	31·129	+39·126	− 5	m	...
...	31·246	−35·402	− 2	...	...
...	+31·324	−34·403	− 5	...	...
*	31·347	+ 9·578	0·95	42.8070	10·1
...	31·369	+ 9·452	− 1	...	...
...	31·547	−21·142	− 4	...	...
...	31·567	− 6·140	− 5	...	...
1021					
..	+31·690	+ 1·563	− 5	m	...
...	31·710	+ 2·084	− 5	m	...
...	31·953	−18·133	− 1	...	...
...	31·975	− 8·357	0·65	...	...
...	32·254	− 3·769	− 5	...	..
...	+32·319	+ 6·298	− 5	...	...
...	32·351	+47·655	− 1	...	...
...	32·390	−23·115	− 4	...	...
...	32·468	+40·597	− 1	42.8071	10·2
...	32·498	+40·265	0·95	42.8072	10·2
1031					
...	+32·539	−13·886	− 2	..	..
...	32·568	−15·595	− 4	...	..
...	32·617	+ 6·625	0·85	...	...
...	32·696	+11·964	− 3	.	...
...	32·715	+ 9·482	0·70	..	...
*	+32·719	+28·346	1·05	42.8073	9·8
...	32·752	+ 6·660	− 2	42.8074	10·1
...	32·805	+14·867	− 4	...	...
...	32·969	−25·550	− 4	...	...
..	33·103	+37·856	0·95	42.8075	10·2
1041					
...	+33·174	+11·926	− 4	.	...
...	33·801	−15·485	− 4	a	...
...	33·852	+ 7·379	− 4	...	...
...	33·[illegible]	+47·958	1·05	42.8076	9·8
..	34·[illegible]	−12·275	− 5	...	...
N ‡	+34·022	+33·597	1·15	42.8077	9·6
.	34·051	−48·651	− 5	...	...
‡	34·155	+40·162	− 1	...	...
...	34·226	+ 6·558	− 5	m	...
...	34·587	−43·935	− 5	m	...

1051–1110

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
1051					
...	+34·697	+25·757	− 4	...	...
...	35·067	−26·697	− 3	...	...
..	35·393	+39·070	− 4	...	...
..	35·470	+ 0·626	− 5	m	...
..	36·167	+25·729	− 4	...	...
...	+36·195	+21·944	− 4	...	...
...	36·252	+ 1·979	− 3	...	...
...	36·399	+15·444	− 3	...	...
*	36·552	+48·159	1·20	42.8078	9·6
...	36·659	+57·721	− 5	...	...
1061					
*	+36·757	−31·099	1·05	43.8338	10·1
*	36·841	−36·099	1·20	43.8339	9·8
...	36·996	+20·332	− 4	...	...
...	37·090	−13·618	− 4	...	...
N [	37·123	−12·572	− 1	...	...
...	+37·181	−51·937	− 5	...	...
*	37·202	+40·609	1·90	42.8079	9·2
...	37·258	+56·246	− 5	...	...
...	37·328	−36·794	− 4	...	...
*	37·422	+19·308	1·00	42.8081	10·2
1071					
...	+37·528	+30·911	− 2	...	...
...	37·553	+54·803	− 4	42.8080	10·2
...	37·570	+ 2·080	0·95	42.8082	10·2
...	37·656	− 3·475	− 4	...	...
...	37·672	+18·909	− 5	...	...
...	+37·731	+35·984	− 3	...	...
...	38·031	−24·343	− 4	...	...
...	38·042	− 0·372	− 3	a	...
...	38·211	+24·001	− 5	...	...
...	38·211	− 5·811	− 1	43.8340	10·1
1081					
...	+38·349	+52·988	− 5	...	...
...	38·393	+28·270	− 4	...	...
...	38·401	+27·289	− 5	...	...
...	38·453	−47·469	− 5	...	...
*	38·512	+24·704	1·10	42.8083	10·1
†	+38·569	− 4·763	− 4	...	...
...	38·612	− 9·133	− 4	...	...
...	38·629	+27·002	− 5	...	...
...	38·631	− 1·095	− 4	...	...
...	38·841	+ 9·995	− 4	...	...
1091					
*	+39·043	−18·264	1·85	43.8341	8·9
...	39·061	−11·406	− 5	...	...
...	39·241	−26·934	− 4	...	...
...	39·255	+27·494	1·05	42.8085	10·1
S *	39·261	+ 9·920	2·00	42.8086	8·6
...	+39·356	−12·842	− 5	...	...
...	39·380	+45·83[illegible]	− 3	42.8084	10·2
...	39·499	+42·253	− 4	...	...
...	39·523	−58·332	− 5	..	...
...	39·5[illegible]	+29·209	− 5	...	...
1101					
...	+39·[illegible]20	+ 4·5[illegible]	− 4	...	...
.	39·[illegible]88	+22·903	1·00	42.8087	10·1
..	39·883	−45·562	− 3	...	...
.	39·912	−25·498	− 3	...	...
...	40·029	−37·330	− 4	...	...
...	+40·239	+28·247	− 4	...	...
...	40·429	+12·684	− 2	...	...
...	40·456	+17·225	− 5	m	...
...	40·461	− 4·237	− 3	...	...
...	40·531	+49·313	0·95	42.8088	9·9

1086. Mass. 42°·108, two stars.

1085. Mass. 44°·108, two stars.

1111–1170

Notes.	Coordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
1111					
...	+40·627	−25·240	0·85	...	...
..	40·768	+12·119	0·75	..	..
...	40·926	+19·286	− 5	..	...
..	41·01[illegible]	−51·321	− 1	...	...
n	41·061	− 2·386	− 1	43.8342	10·2
n	+41·204	− 2·43[illegible]	0·70		
* [	41·225	−41·126	1·10	43.8343	10·0
..	41·351	+20·494	− 4	...	...
...	41·413	−46·026	− 5	...	...
...	41·509	+13·169	− 2	...	...
1121					
...	+41·701	−29·402	− 5	*m*	...
...	41·740	−25·252	− 5	...	...
...	42·234	+15·348	− 5	*m*	...
...	42·355	−31·975	− 4	...	...
...	42·459	− 3·445	− 5	...	...
...	+42·506	+13·066	− 5	*m*	...
...	42·532	+ 6·271	− 5	...	...
...	42·555	− 1·295	− 2	...	...
...	42·558	+12·890	0·95	42.8089	10·0
...	42·670	+57·719	− 5	...	...
1131					
...	+42·674	+17·586	− 5	...	...
...	42·685	−28·143	0·65	...	...
...	42·746	+ 8·911	− 5	*m*	...
...	42·968	−45·543	1·00	43.8344	10·1
...	43·071	+23·490	− 5	...	...
...	+43·075	+23·930	− 3	...	...
...	43·103	− 3·945	− 4	...	...
...	43·360	+ 5·133	0·65	...	...
...	43·430	+19·113	− 5	...	...
...	43·526	−10·372	− 4	...	...
1141					
S *	+43·532	+41·503	3·25	42.8090	7·9
...	43·540	+31·031	− 2	...	...
...	43·704	+ 7·055	0·80	...	...
*	43·787	− 7·128	1·00	43.8345	10·1
*	43·792	−47·909	1·40	43.8346	9·2
...	+43·798	+36·416	− 1	...	...
...	43·859	+58·069	− 5	...	...
...	43·977	−18·710	− 5	...	...
...	44·005	−46·352	− 4	...	...
...	44·290	−30·170	− 4	...	...
1151					
...	+44·612	−42·143	− 5	*m*	...
...	44·687	−14·520	− 5	...	...
...	45·032	+26·166	− 1	...	...
...	45·079	−39·324	− 1	...	...
...	45·563	+ 2·192	− 3	...	...
...	+45·573	−53·720	− 5	...	...
... [	45·719	−21·243	− 5	...	...
... [	45·838	−21·236	− 5	...	...
...	45·748	+23·315	− 5	*m*	...
...	46·280	−46·561	− 2	...	...
1161					
...	+46·293	+18·378	− 5	*m*	...
...	46·512	+40·052	− 5	...	...
...	46·733	+14·896	− 3	...	...
...	46·760	− 7·482	− 3	...	...
...	46·862	+33·615	− 3	...	...
...	+47·217	−27·910	− 5	...	...
...	47·265	+ 1·573	− 3	...	...
...	47·320	+35·027	− 5	...	...
...	47·343	−32·534	− 3	...	...
...	47·389	+15·088	− 5	...	...

1171–1230

Notes.	Coordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
1171					
..	+47·475	−42·639	− 3	..	
...	47·498	+55·765	− 4	42.8091	10·1
...	47·551	−48·214	− 3	.	
...	47·563	+ 7·263	− 5	...	...
...	47·632	+27·203	− 4	...	...
...	+47·651	+20·873	− 4	/	...
...	47·655	+58·042	− 1	42.8092	9·6
	47·705	−18·343	− 3	..	...
...	47·736	+11·838	− 1	...	...
...	47·874	+ 1·683	− 2	...	...
1181					
*	+48·045	+18·975	1·20	42.8093	9·6
...	48·094	+17·748	− 5	...	...
*	48·394	−46·972	1·10	43.8347	10·0
*	48·586	+36·370	1·85	42.8094	9·2
...	48·840	−13·593	− 4	...	...
...	+48·888	+ 7·183	0·65	...	...
...	48·894	+46·077	− 5	...	...
...	49·081	−28·460	− 5	...	...
...	49·324	+24·063	− 4	...	...
...	49·364	+55·298	− 5	...	...
1191					
*	+49·406	+16·782	1·85	42.8095	9·2
†	49·848	−29·570	− 5	*m*	...
...	49·891	+33·206	− 2	42.8096	10·1
†	50·042	+29·197	− 5	*m*	...
†	50·210	−26·304	− 4	...	...
...	+50·368	+46·317	− 5	...	...
...	50·470	+15·307	0·90	...	...
...	50·481	−24·833	− 5	...	...
...	50·489	−17·178	− 4	...	...
...	50·496	+22·611	− 5	*m*	...
1201					
†	+50·549	−49·562	− 3	...	...
...	50·601	−17·503	− 4	...	...
...	50·774	−21·901	− 4	...	...
...	50·934	− 1·228	0·80	...	...
...	50·978	+ 3·384	− 2	..	...
...	+50·997	+28·206	− 4	...	...
...	51·068	+23·748	1·05	42.8097	9·8
...	51·168	−24·335	− 5	...	...
...	51·250	− 0·969	− 5	*e*	...
...	51·252	+ 4·740	0·80	...	...
1211					
...	+51·315	+28·726	0·90	42.8098	10·2
†	51·755	+ 0·222	0·65	...	...
...	51·806	+36·535	− 5	...	...
...	51·838	−32·590	− 4	...	...
...	51·997	−18·654	− 5	*m*	...
...	+52·281	−24·986	− 4	...	...
...	52·376	+26·420	0·95	42.8099	10·2
...	52·390	−20·135	0·95	...	...
...	52·473	+19·348	− 5	...	...
...	52·530	+20·338	− 3	...	...
1221					
...	+52·598	−46·861	− 3	...	...
...	52·811	−10·575	− 1	...	...
...	52·902	−44·429	1·05	43.8348	10·1
...	52·985	+24·786	0·80	...	...
...	53·353	+40·495	− 5	...	...
...	+53·402	+13·803	0·65	...	...
*	53·503	−46·775	1·05	43.8349	9·8
*	53·772	+36·996	1·40	42.8100	9·6
...	53·779	−45·460	− 4	...	...
...	53·824	−52·300	− 2	...	...

1231–1276

Notes.	Coordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
1231					
...	+54·[illegible]49	+ 8·391	0·95	42.8101	10·1
...	54·341	− 6·872	− 1	...	...
...	54·[illegible]71	+ 6·937	− 4	...	...
...	54·684	+ 7·189	− 5	...	...
...	54·867	+14·662	0·95	42.8102	10·1
...	+54·935	−12·151	− 4	...	...
...	55·018	−54·146	1·05	43.8350	10·0
...	55·063	−22·325	− 4	...	...
†	55·18[illegible]	−39·121	1·50	43.8351	9·4
...	55·553	+16·411	− 5	...	...
1241					
...	+55·553	+ 2·811	0·75	42.8103	10·2
...	55·926	+23·495	1·05	42.8104	10·0
...	55·949	+ 2·506	− 5	...	...
...	55·985	− 9·[illegible]97	− 1	...	...
...	55·996	−19·783	− 5	...	...
...	+56·028	−21·222	− 3	..	...
...	56·136	−29·223	− 1	...	...
...	56·151	−51·262	− 5	..	...
...	56·181	+26·642	− 5	...	...
*	56·189	− 5·018	1·15	43.8353	10·0
1251					
...	+56·236	− 3·348	0·90	43.8352	10·1
...	56·282	+20·765	− 2	...	...
...	56·355	−23·470	− 3	...	...
...	56·611	+21·270	− 4	...	...
...	56·873	−14·500	− 2	...	...
...	+56·905	+36·938	− 5	...	...
...	57·090	−37·381	1·10	43.8354	10·0
...	57·377	+22·293	− 3	...	...
...	57·468	+ 0·030	− 4	...	...
...	57·667	− 5·135	0·65	...	...
1261					
*	+57·721	+41·830	1·20	42.8105	9·7
...	57·722	+26·412	− 5	...	...
...	57·924	+43·336	− 5	..	...
...	58·000	+46·333	− 4	...	...
*	58·085	+19·118	1·55	42.8106	9·8
...	+58·471	+26·240	− 5	...	...
†	58·750	+20·305	0·65	42.8107	9·9
...	58·796	−26·352	− 5	...	...
...	58·923	+ 6·580	− 4	...	...
*	59·234	−52·061	1·70	43.8355	9·6
1271					
...	+59·255	+45·990	− 5	...	...
...	59·434	− 4·842	− 5	...	...
†	59·579	+ 0·185	− 5	*e*	..
...	59·952	+ 8·511	− 4	...	...
...	59·956	+ 3·199	− 4	...	...
†	+60·065	− 1·902	− 4	...	...

1115, 1116 C.P.D., probably mass.

1–60

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
1					
*	−59·387	+23·592	1·05	42·8097	9·8
.	59·285	+28·574	0·90	42·8098	10·2
...	58·880	+ 3·238	− 3	...	...
..	58·757	− 1·378	0·80	...	...
..	58·736	−17·340	− 4	...	...
.	−58·732	−26·453	− 5	...	...
..	58·664	−11·413	− 5	...	...
...	58·637	+ 4·594	0·90	...	...
..	58·632	−17·662	− 5	...	...
...	58·449	− 1·103	− 5	E	...
11					
...	−58·303	−22·034	− 5	...	...
...	58·146	+26·300	0·95	42·8099	10·2
†	57·989	+ 0·110	− 2	..	...
...	57·856	−24·446	− 5	...	...
...	57·854	+19·249	− 5	...	...
...	−57·832	+20·227	− 5	...	...
...	57·708	−49·677	− 5	...	...
...	57·514	+24·685	0·65	...	...
*	57·093	+36·920	1·20	42·8100	9·6
...	56·921	−32·686	− 5	...	...
21					
...	−56·755	+13·718	− 1	...	...
...	56·742	−20·228	0·80	...	...
...	56·717	−25·076	− 5	...	...
..	56·603	−10·659	− 1	...	...
...	55·943	+ 8·345	1·00	42·8101	10·1
...	−55·750	−46·922	− 4	...	...
...	55·497	−44·480	1·00	43·8348	10·1
...	55·325	+14·621	0·95	42·8102	10·1
...	55·282	+ 6·894	− 5	...	...
..	55·211	− 6·900	− 4	...	...
31					
*	−54·841	−46·806	1·10	43·8349	9·8
†	54·504	+23·480	1·00	42·8104	10·0
...	54·443	−12·176	− 5	...	...
...	54·350	+26·645	− 5	...	...
...	54·349	−52·332	− 4	...	...
...	−54·269	+ 2·799	1·00	42·8103	10·2
..	54·082	+20·769	− 2	...	...
..	54·002	−22·335	− 5	..	...
...	53·958	+36·937	− 5	...	...
...	53·872	+ 2·517	− 5	...	...
41					
...	−53·786	+21·281	− 4	...	...
...	53·618	− 3·639	− 5	...	...
...	53·497	− 9·074	1·00	...	...
...	53·424	− 3·341	1·05	43·8352	10·1
*	53·418	− 4·986	1·00	43·8353	10·0
*	−53·399	−39·102	1·40	43·8351	9·4
.	53·278	+41·861	1·05	42·8105	9·7
..	53·157	−19·759	− 4	...	...
...	53·141	+46·364	− 3	...	...
...	53·140	+43·384	− 5	...	...
51					
..	−53·105	−54·127	0·85	43·8350	10·0
...	53·089	−21·204	− 3	..	
...	53·042	+22·329	− 2	..	
	52·828	+26·470	− 5	...	
.	52·737	−29·205	1·00	...	..
.	−52·713	−33·439	− 3	...	...
...	52·441	−14·461	− 2	...	
*	52·235	+19·179	1·20	42·8106	9·8
...	52·047	+26·322	− 5	.	...
...	52·025	−51·227	− 4	...	...

61–120

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
61					
...	−51·940	− 5·073	0·70	...	...
.	51·855	+46·064	− 4	...	...
...	51·609	+20·360	1·05	42.8107	9·9
...	51·541	−37·320	0·90	43.8354	10·0
...	51·242	+ 7·165	− 5	M	...
...	−51·029	+ 6·674	− 3	...	...
...	51·025	−15·239	− 4	...	...
...	50·621	+35·715	− 5	...	...
...	50·514	+56·472	− 5	42.8108	10·2
...	50·171	− 4·723	− 4	...	...
71					
...	−50·170	−26·236	− 4	...	...
...	50·163	+ 0·322	− 4	E	...
...	50·065	−59·526	− 5	...	.
...	50·059	+ 8·617	− 3	...	...
...	49·912	+20·143	− 5	...	...
...	−49·896	+ 3·331	− 4	...	...
...	49·673	− 5·952	− 5	...	...
†	49·622	− 1·763	− 4	...	...
...	49·282	+19·154	− 5	...	...
*	49·228	+38·017	1·60	42.8109	9·2
81					
...	−49·045	+ 9·084	− 5	...	...
...	49·037	+27·014	− 3	...	...
*	48·948	−51·926	1·20	43.8355	9·6
...	48·935	+30·953	− 4	...	...
...	48·919	+44·494	− 5	..	...
...	−48·837	− 0·185	− 5	a	...
...	48·797	+ 2·732	− 4	...	...
...	48·703	− 0·501	0·65	a	...
...	48·517	+ 4·974	− 4	...	...
...	48·425	−23·633	− 4	...	...
91					
...	−48·328	+27·015	− 5	...	...
...	48·325	+27·126	0·90	42.8110	9·8
...	48·003	−11·470	− 4	...	...
...	47·832	−44·962	− 1	...	...
...	47·793	+16·139	− 4	...	...
...	−47·303	−39·668	− 5	...	...
...	47·272	− 2·735	− 5	M	...
...	47·239	− 1·799	− 5	...	...
...	47·171	+ 3·651	− 2	...	...
...	47·097	− 0·804	− 4	...	...
101					
...	−47·091	+58·451	− 5	...	...
...	46·910	+18·321	− 4	...	...
...	46·885	− 3·806	− 4	...	...
...	46·838	+36·946	0·80	42.8112	10·1
...	46·817	+25·327	1·00	42.8111	10·0
...	−46·754	−24·399	− 4	...	...
...	46·744	+56·986	− 5	...	...
...	46·678	+56·731	− 1	...	...
...	46·475	+20·527	− 3	..	...
...	46·427	−30·986	− 4	..	...
111					
...	−46·337	+12·040	− 3	...	...
...	46·110	−20·503	− 4	...	...
...	46·068	−31·886	− 5	M	...
*	46·029	+27·797	1·10	42.8113	9·6
...	45·882	−18·760	0·65	...	...
...	−45·852	+14·681	− 3	...	...
...	45·851	+59·120	1·00	42.8114	9·8
...	45·636	+ 6·424	0·65	...	...
...	45·632	−24·494	− 5	...	...
...	45·300	−10·431	− 5	...	...

121–180

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
121					
...	−45·251	+ 9·315	− 3	...	...
...	45·227	−17·972	− 4	...	...
...	45·056	− 4·629	− 2	...	...
...	44·935	−23·883	0·90	...	...
...	44·931	−22·931	− 3	...	...
...	−44·917	+55·579	1·00	42.8116	9·9
...	44·824	+28·200	1·05	42.8115	10·1
†	44·570	+28·877	− 5	...	...
...	44·466	− 0·873	0·95	...	...
...	44·216	−18·630	1·00	...	...
131					
...	−44·148	−53·898	− 2	...	...
...	44·117	+34·541	0·65	42.8117	10·2
...	44·037	+11·621	− 5	M	...
...	43·637	− 7·523	− 5	...	...
...	43·269	+39·026	− 5	...	...
...	−43·211	+34·012	− 5	...	...
..	43·150	+13·916	− 1	...	...
...	43·032	+16·653	− 2	...	...
...	42·954	−14·776	− 1	...	...
...	42·948	+32·312	− 5	M	...
141					
...	−42·918	+52·314	− 5	...	...
...	42·726	−18·066	− 2	...	...
...	42·708	+ 3·377	− 5	M	...
...	42·639	+42·236	− 5	...	...
...	42·593	− 1·381	− 4	...	...
...	−42·471	+57·718	− 5	...	...
...	42·396	−31·448	− 1	...	..
...	42·373	+ 9·804	− 4	...	...
...	42·346	+32·511	1·00	42.8120	9·9
...	42·337	−13·274	− 4	...	...
151					
...	−42·334	−48·045	− 5	...	...
...	42·300	+ 0·255	− 4	...	...
...	42·247	+18·844	1·00	42.8118	10·1
N †	42·227	+25·010	0·90	42.8119	10·0
...	42·213	+16·958	− 5	...	...
...	−42·206	−19·014	− 4	...	...
*	42·176	+38·770	1·10	42.8121	9·6
...	42·161	−31·764	− 1	...	...
...	42·069	−41·755	− 4	...	...
...	42·055	+31·384	− 5	...	...
161					
...	−42·052	+ 6·136	− 1	...	..
...	41·675	+ 3·829	− 4	...	...
...	41·563	− 4·601	− 5	...	...
...	40·926	−54·039	− 4	..	...
†	40·816	−24·885	0·65	...	...
...	−40·749	−16·523	− 5	...	...
*	40·694	−52·598	1·30	43.8356	9·6
..	40·563	+58·449	− 5	...	...
...	40·429	+30·349	− 5	...	...
...	40·221	+20·883	− 2	...	...
171					
..	−40·125	− 3·649	− 4	...	...
...	40·111	−55·347	0·80	...	...
...	40·097	+52·988	− 5	...	...
..	39·908	−49·152	− 5	...	...
...	39·741	+10·683	− 3	A	...
...	−39·708	−15·453	1·00	43.8357	10·1
†	39·569	− 7·809	− 4	...	...
*	39·565	+31·336	2·20	42.8122	8·2
†	39·543	−28·634	− 5	...	...
†	39·529	−23·291	− 2	...	..

ES measured from 1, 79, 177, 291, 434, 551, 675, 813, 927, 1078, 1210, 1325.
Mr ... ,, 32, 128, 234, 362, 494, 617, 737, 863, 1000, 1146, 1267, 1375.

154. Mass. 42°·108, two stars.

181–240

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
181					
...	−39·385	+18·325	−2	...	...
...	39·345	− 4·131	−3	...	...
...	39·231	− 2·984	−5	..	...
...	39·199	+ 4·682	−3	...	...
†	39·114	+20·017	−4	...	...
*	−39·108	−48·788	1·20	43.8358	9·4
...	38·994	−40·401	−4	A	...
...	38·913	+27·897	1·00	42.8123	10·0
...	38·730	+54·198	0·65	42.8124	10·1
...	38·707	−19·736	−4	...	...
191					
...	−38·703	− 1·689	0·70	...	...
...	38·486	− 7·788	−5	..	...
...	38·430	+22·030	−2	...	...
...	38·367	+ 4·081	−1	...	...
...	38·254	−31·846	0·65	...	...
...	−38·248	−28·129	−3	..	...
...	38·200	+36·613	−5	...	...
...	38·198	+24·193	−3	...	...
...	38·183	+26·077	1·00	42.8125	10·0
...	38·084	−43·324	1·00	43.8359	10·1
201					
...	−38·032	+57·696	0·95	42.8127	9·9
...	37·990	+13·619	0·75	...	...
...	37·766	−33·065	0·80	...	...
...	37·738	−54·313	−5	...	...
...	37·679	− 6·381	−3	...	...
S *	−37·665	+16·694	1·35	42.8126	9·0
...	37·660	+ 9·303	0·65	...	...
...	37·520	+15·225	−5	M	...
...	37·500	+40·766	−5	...	...
...	37·304	+44·720	−5	...	...
211					
...	−37·282	−54·010	1·00	43.8360	10·0
...	37·010	−14·414	−5	...	...
...	36·564	+27·545	−5	...	...
*	36·564	− 9·080	1·00	43.8361	9·8
...	36·536	+50·351	0·65	...	...
...	−36·503	+32·577	−1	...	...
...	36·462	+52·310	1·05	42.8129	9·6
...	36·374	+42·280	1·00	42.8128	9·9
...	36·175	−16·250	−3	...	...
...	36·123	+15·747	−5	...	..
221					
...	−36·064	+11·578	−1	...	...
...	35·896	−34·043	−5	...	...
...	35·871	−15·370	0·75	...	...
...	35·818	+53·568	−1	42.8131	10·2
†	35·792	+55·028	−1	42.8130	10·2
..	−35·619	−19·706	−5	...	...
...	35·532	−19·259	−5	...	...
...	35·473	+59·619	−1	...	...
...	35·436	+29·469	0·95	42.8132	10·2
...	35·275	+19·706	−5	...	...
231					
...	−35·207	+47·398	0·95	42.8133	10·0
...	35·163	−40·737	−3	...	...
...	34·947	−55·809	1·00	43.8362	10·1
†	34·586	+ 8·148	0·80	...	...
*	34·502	−11·557	1·10	43.8363	10·0
...	−34·495	+ 1·580	−4	...	...
...	34·312	−43·506	−5	...	...
...	34·283	− 3·380	−1	...	...
...	34·199	+ 4·313	−3	...	...
...	34·197	−10·971	−5	...	...

241–300

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
241					
...	−34·027	+32·912	−1	.	...
...	34·002	−49·517	−4	...	...
...	33·989	+36·513	0·80	42.8134	10·2
*	33·961	− 2·551	1·05	43.8364	10·1
...	33·793	+29·131	−2		...
...	−33·698	+ 4·864	−4	..	
...	33·691	−45·193	−4	...	
...	33·440	+16·381	−5	.	.
...	33·342	+53·298	−5	..	...
...	33·300	+31·230	0·75	42.8135	10·2
251					
...	−33·204	−39·110	−5	...	...
...	33·186	+ 4·227	0·75	..	..
...	33·006	+50·156	−5	...	..
...	32·999	−21·413	1·00	..	...
...	32·987	−14·611	0·85	...	...
...	−32·787	+17·199	−4	...	...
...	32·787	−15·577	−4	...	...
...	32·772	−24·978	−4	...	...
...	32·669	+26·735	−4	...	...
...	32·593	−26·743	−4	..	...
261					
*	−32·374	−33·566	1·20	43.8365	9·8
...	32·206	+21·383	−5	...	...
..	32·128	− 2·525	−4	...	..
.	31·880	+45·575	−1	...	...
...	31·815	+49·695	−5	M	...
...	−31·773	+ 2·900	−3	...	..
...	31·579	− 5·319	−4	.	...
...	31·469	−17·604	−4	..	...
...	31·451	+52·991	−5	..	...
...	31·344	+17·749	−2	..	...
271					
...	−31·232	−22·983	0·95	..	...
...	31·157	− 3·826	−5	.	...
...	31·152	−31·363	−5	...	...
...	31·135	−18·229	−3	...	...
...	31·093	+37·119	1·00	42.8136	10·2
...	−30·965	+ 3·333	−4	B	...
...	30·949	−20·352	−5	M	...
...	30·797	−12·118	−5	...	...
α *	30·767	− 0·344	1·05	43.8366	10·1
†	30·684	+35·026	0·65	...	..
281					
...	−30·438	− 7·143	−4	...	...
...	30·314	−48·059	0·75	..	...
...	30·164	− 9·590	−2	...	...
...	30·155	−54·084	−5	..	..
...	30·127	+34·584	−4	...	...
...	−30·007	−44·166	1·00	...	..
...	29·888	+20·693	−3	...	..
...	29·800	−10·567	0·85	...	...
S *	29·798	−43·124	2·00	43.8367	8·4
...	29·792	+ 0·268	−1	α	...
291					
†	−29·588	−13·270	−4	...	..
...	29·323	+35·795	−5	...	..
...	29·125	−27·294	−4	...	...
...	29·006	+ 6·051	−4	...	...
...	28·985	−51·371	−3	...	...
...	−28·909	+ 1·689	−4	B	..
...	28·851	−33·334	−4	...	...
...	28·825	− 1·011	−3	...	..
...	28·823	+28·965	−3	...	..
...	28·791	−32·203	−3	...	...

301–360

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
301					
*	−28·605	+ 9·788	0·95	42.8137	10·1
	28·531	+31·713	−4	..	...
	28·468	+ 9·596	−2	...	...
.	28·414	− 5·282	0·85	...	...
*	28·181	+37·445	1·05	42.8138	9·8
†	−28·072	−44·714	0·90	...	...
..	28·040	−37·235	0·95	...	...
...	28·034	+58·139	−2	42.8139	10·2
.	27·992	−33·170	−5	...	...
*	27·882	−33·991	1·00	43.8368	10·1
311					
...	−27·833	−29·015	−5	...	...
...	27·816	+ 9·432	−1		...
...	27·804	−33·555	−4	...	..
...	27·734	+31·213	−5	.	
...	27·648	−50·337	−5	...	...
.	−27·490	+ 7·546	−5	M	.
...	27·455	+16·255	−5	...	
...	27·346	−57·418	0·70	...	...
*	27·318	−43·709	1·00	43.8369	10·1
...	27·270	−13·405	−1	...	...
321					
...	−27·188	−51·601	−5	...	...
..	27·053	−15·434	−2	...	...
...	27·040	−27·157	−5	...	...
*	27·015	−35·687	1·00	43.8370	9·6
..	26·990	+20·422	−5	M	...
...	−26·955	+10·285	0·65	...	...
...	26·940	−56·529	−1	...	...
...	26·880	−40·353	−5	...	...
...	26·786	+50·095	−2	...	...
*	26·781	+28·755	1·15	42.8140	9·2
331					
..	−26·750	+30·367	−1	...	...
...	26·654	+ 8·712	−4	..	...
...	26·616	+46·055	0·70	...	...
...	26·522	−33·260	−3	...	...
.	26·471	+37·934	−5	.	...
...	−26·384	− 6·904	−2		...
...	26·120	− 2·353	0·65	...	...
...	25·990	− 0·478	−5	M	...
...	25·944	+36·309	−5	...	...
...	25·935	+34·008	0·95	42.8141	10·2
341					
...	−25·914	+ 6·810	−2	...	...
*	25·865	− 8·304	1·00	43.8371	9·8
...	25·865	−46·033	−5	...	...
...	25·857	−44·414	−4	...	...
*	25·850	− 5·834	1·00	43.8372	9·6
...	−25·794	−29·721	0·90	..	...
.	25·664	+53·292	−4		..
...	25·645	+23·630	−5	.	...
...	25·520	−22·554	−2	.	..
...	25·478	−56·859	−4	..	..
351					
*	−25·434	−37·184	1·10	43.8373	9·5
...	25·412	− 8·459	−5	...	...
...	25·303	−20·110	−4	...	...
...	25·213	−55·061	0·90	...	...
.	25·165	+ 1·548	−4	B	...
...	−25·076	+41·461	−5	...	...
...	24·993	−43·025	−5	...	...
*	24·870	−47·875	1·25	43.8374	9·4
...	24·866	+29·178	0·85	42.8142	10·2
...	24·779	−16·216	0·75	...	...

361–420

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
361					
..	−24·714	+ 5·902	− 2	...	...
	24·537	−57·568	− 4	...	...
	24·4[illegible]	+ 2·789	− 4	M	..
..	24·347	− 5·090	− 5	...	...
.	24·31[illegible]	−55·816	− 4	..	...
	−24·271	+31·64[illegible]	− 4	...	...
*	24·260	−16·278	1·2	43.8376	9·6
.	24·233	−52·[illegible]	− 5	..	...
...	24·021	+33·255	− 3	...	..
*	23·975	−55·671	1·20	43.8375	9·5
371					
...	−23·955	+27·449	− 2	...	...
	23·903	−50·667	0·65	.	...
.	23·798	+50·623	1·40	42.8145	9·2
...	23·780	−13·568	− 3	...	...
	23·744	+2[illegible]·912	1·00	42.8144	10·0
..	−23·709	+ 6·964	1·00	42.8143	10·0
	23·682	−35·888	− 1	..	...
..	23·549	+57·332	− 5	...	...
*	23·535	+48·472	1·90	42.8146	8·9
..	23·463	+39·585	− 4	...	...
381					
.	−23·455	− 3·566	− 5	...	...
...	23·430	+17·160	− 3	...	...
..	23·386	+21·043	− 3	...	...
...	23·354	−13·182	− 3	...	...
...	23·350	−26·980	− 1	...	...
..	−23·312	−37·143	− 4	...	...
...	23·278	−10·570	− 4	...	...
...	23·190	+25·533	− 4	...	...
*	23·073	−13·521	1·10	43.8377	10·0
...	23·050	−31·892	− 4	...	...
391					
...	−22·945	−33·437	− 3	...	...
*	22·907	+13·712	1·10	42.8147	9·7
...	22·890	−54·191	− 2	...	...
.	22·867	+20·330	− 5	M	..
	22·780	+37·929	− 4	...	...
	−22·757	+21·318	− 4	...	...
...	22·742	− 6·532	− 5	...	...
...	22·677	−19·422	− 5	...	...
	22·639	−24·420	− 1	...	...
..	22·627	− 0·928	− 5	M	...
401					
*	−22·591	−27·813	1·05	43.8378	10·0
...	22·346	− 5·968	− 3	...	...
*	22·285	+39·444	1·30	42.8148	9·4
...	22·002	+54·084	− 5	...	...
...	21·9[illegible]	−21·915	− 3	...	...
*	−21·8[illegible]	+ 2·253	1·1[illegible]	42.8149	8·8
*	21·7[illegible]	+ 2·191	1·40		
†	21·839	+35·048	0·65	42.8150	10·2
...	21·8[illegible]	− [illegible]·394	− 5	M	...
...	21·625	+44·856	− 5	M	...
411					
*	−21·583	−24·144	1·00	43.8380	10·1
*	21·5[illegible]	+21·723	1·10	42.8151	9·8
*	21·482	−40·628	1·15	43.8379	9·6
...	21·4[illegible]	−15·651	0·70	...	...
...	21·251	+55·92[illegible]	− 5	...	...
†	−21·248	+[illegible]·123	− 4	...	...
...	21·179	−26·688	0·75	...	...
...	21·159	+3[illegible]·380	0·75	42.8153	10·2
...	21·104	−13·371	0·95	...	...
...	21·[illegible]22	+30·248	− 5	...	...

421–480

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
421					
..	−20·970	− 5·848	− 5	..	...
*	20·911	+ 4·649	1·15	42.8152	9·6
...	20·883	−10·254	− 4	...	...
†	20·882	−14·9[illegible]	− 4	...	...
..	20·866	−38·579	− 5	...	...
...	−20·829	+32·879	− 5	M	...
*	20·559	+17·557	1·00	42.8154	10·1
...	20·550	+53·564	1·15	42.8156	9·9
*	20·491	+23·429	1·80	42.8155	9·0
...	20·426	−28·115	− 5	...	...
431					
...	−20·186	−59·342	− 5	...	...
...	20·179	− 3·241	− 4	...	...
...	20·045	+29·282	− 5	...	...
†	19·678	+37·850	1·05	42.8157	9·6
†	19·660	+45·547	− 4	...	..
	−19·652	−46·828	1·30	43.8381	9·5
*	19·39[illegible]	+ 9·974	0·90	42.8158	9·7
‡	19·253	+10·112	0·90		
*	19·220	+30·189	1·00	42.8159	9·8
...	19·163	−27·286	− 1	...	...
441					
*	−19·158	+26·999	1·00	42.8160	9·8
...	19·105	− 9·673	− 5	M	...
...	19·092	− 2·823	− 5	M	..
...	19·010	− 2·420	− 5	M	...
...	18·762	−17·009	0·90	...	...
...	−18·651	−50·862	− 5	...	...
...	18·403	− 1·311	− 3	...	...
...	18·320	+ 8·2[illegible]	− 3	...	...
...	18·240	−30·907	− 3	...	...
...	18·176	− 9·233	− 5	...	...
451					
...	−18·174	+ 5·434	− 5	M	...
*	18·154	−26·547	1·00	43.8382	10·0
...	17·876	−33·3[illegible]	− 5	...	...
...	17·859	+31·493	− 2	...	...
†	17·463	−34·797	− 4	...	...
...	−17·365	−24·070	0·90	...	...
...	17·359	− 9·284	− 5	...	...
...	17·287	−35·917	− 4	...	...
*	17·251	−29·062	1·10	43.8383	9·5
...	17·245	−15·145	− 3	...	..
461					
...	−17·034	+49·069	− 5	...	...
...	16·750	+ 6·980	0·65	...	...
...	16·636	−27·194	− 4	...	...
...	16·628	+10·381	− 4	...	...
...	16·615	+31·493	− 5	...	...
*	−16·351	+13·285	1·00	42.8161	9·9
...	16·245	− [illegible]·558	− 5	M	...
...	16·241	−47·804	− 1	...	...
...	16·233	+ 6·888	− 5	M	...
...	16·220	− 3·579	− 5	M	...
471					
...	−16·203	+44·[illegible]15	1·00	42.8162	10·1
...	16·194	+20·244	0·75	...	...
...	16·128	+18·673	− 5	M	...
...	15·953	+43·595	0·65	...	...
...	15·909	+20·592	0·85	...	...
...	−15·884	−42·244	− 4	...	...
...	15·880	−52·412	1·00	...	...
...	15·840	− 0·776	− 5	M	...
...	15·820	+ 8·842	− 5	M	...
...	15·696	−48·706	− 5	M	...

481–540

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
481					
...	−15·661	− 8·072	− 5	...	...
...	15·652	−29·935	− 4	...	...
...	15·560	−37·846	− 5	...	...
...	15·526	+43·302	− 5	...	...
...	15·522	− 7·163	− 5	M	...
*	−15·472	+59·607	2·30	42.8163	8·5
*	15·427	− 1·430	1·00	...	...
...	15·422	+52·461	− 5	...	...
...	15·175	+19·192	− 5	...	...
...	15·118	− 6·519	− 1	...	..
491					
...	−15·042	+ 6·399	− 5	M	...
	14·977	−45·517	− 4	...	...
...	14·880	+25·555	− 5	...	...
.	14·574	+13·082	− 3	...	...
...	14·521	−33·668	− 5	...	...
...	−14·390	+19·696	0·65	...	...
...	14·389	+56·662	− 1	42.8164	10·0
...	14·345	+ 8·612	− 5	M	...
...	14·343	−20·653	− 5	M	..
..	14·324	−32·154	− 4	...	...
501					
...	−14·113	+16·021	− 5	M	...
...	13·891	+ 2·652	− 1	...	...
...	13·828	+40·824	− 2	...	...
.	13·801	+ 8·719	− 3	...	...
...	13·766	−17·043	− 5	...	...
...	−13·656	+56·055	− 2	42.8165	10·2
*	13·569	+58·659	1·05	42.8166	9·9
.	13·511	−16·630	− 3	...	...
.	13·219	−43·124	− 4	...	...
...	13·211	+20·873	0·80	...	...
511					
...	−13·032	−55·938	− 5	...	...
...	13·010	− 4·584	− 3	...	...
...	12·957	−38·824	− 5	...	..
...	12·907	+15·620	− 5	M	...
...	12·900	−47·395	− 4	...	...
...	−12·822	−20·655	− 2	...	...
...	12·593	+13·380	0·95	...	...
*	12·390	+25·427	1·00	42.8167	9·9
...	12·363	−26·831	− 5	...	...
...	12·287	+37·468	1·00	42.8168	10·1
521					
...	−12·127	+10·389	− 1	...	...
...	12·099	−58·081	0·95	43.8384	10·1
...	11·962	+44·638	1·05	42.8169	9·8
*	11·942	−36·619	1·00	...	...
...	11·919	−39·334	− 4	...	...
...	−11·862	−32·921	− 4	...	...
†	11·821	−54·740	0·70	...	...
...	11·745	+33·17[illegible]	− 4	...	...
...	11·666	+33·854	1·00	...	...
...	11·437	+27·086	− 3	...	..
531					
...	−11·234	−58·474	0·95	...	...
...	11·146	−28·888	1·00	...	...
*	11·141	+11·312	1·20	42.8170	9·2
...	10·990	−48·053	− 4	...	...
*	10·972	+10·407	1·00	42.8171	9·9
...	−10·880	−26·583	− 3	...	...
...	10·730	+39·575	− 4	...	...
...	10·727	+40·257	− 1	...	...
...	10·562	+23·064	− 5	...	...
..	10·488	+38·749	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
			541-600		
541					
...	−10·431	+27·671	−3	...	.
...	10·382	+24·136	−4	..	..
...	10·209	−12·832	−5	..	...
...	10·181	−33·751	0·70	...	...
...	10·042	+55·555	−3	.	.
...	− 9·956	+ 1·105	0·65	..	...
...	9·945	+31·120	−4	..	...
...	9·776	− 7·090	−5	.	...
†	9·757	+13·674	−4	...	.
†	9·731	− 1·602	−5	...	.
551					
†	− 9·695	+14·180	−5	...	...
...	9·594	−15·008	−5	...	...
*	9·508	+34·422	1·30	42.8172	9·2
...	9·453	+32·728	−1	...	...
..	9·449	− 7·425	−5	M	...
...	− 9·358	−53·790	−2	...	...
*	9·354	− 1·179	1·00	43.8385	9·8
...	9·307	−53·624	−4	...	...
...	9·296	−33·607	−5	...	...
...	9·279	+23·361	−3	...	...
561					
...	− 9·276	+21·148	−3	..	...
...	9·072	+18·155	−3	...	...
...	9·046	+ 2·914	−5	M	...
...	8·942	+ 2·359	−5	M	...
...	8·813	+33·375	−2	...	...
...	− 8·809	+23·012	−4	A	...
...	8·717	+ 3·276	−5	M	...
...	8·686	+23·835	0·85	42.8173	10·2
...	8·647	−37·509	0·80	...	...
...	8·623	−27 104	0·65	...	...
571					
...	− 8·519	−26·974	−3	...	...
...	8·518	+49·564	1·00	42.8174	10·1
...	8·391	−18·380	−2	...	...
...	8·347	−26·280	−5	...	...
...	8·259	+ 9·114	−5	M	...
...	− 8·208	+31·089	−4	...	...
*	8·172	−20·515	1·10	43.8386	9·3
...	8·122	+29·914	−5	...	...
*	8·101	+10·671	1·00	42.8175	9·9
...	7·866	−20·687	−3	...	..
581					
*	− 7·763	+34·727	1·00	42.8176	10·1
...	7·746	+ 4·201	−5	M	...
...	7·724	+45·607	−5	...	...
...	7·697	−34·142	−2	...	..
...	7·660	−27·156	−2	...	...
...	− 7·572	+41·043	0·80	...	...
...	7·569	−52·497	−5	...	...
...	7·559	−40·588	−5	M	...
...	7·405	+15·286	−5	M	...
...	7·253	+15·529	−5	M	...
591					
...	− 7·252	+ 5·245	−5	M	...
...	7·207	+14·873	0·85	...	...
...	6·996	−54·340	1·00	...	...
...	6·963	+24·893	0·90	42.8177	10·2
...	6·855	−11·253	−5	...	...
...	− 6·824	+26·335	−1	...	...
*	6·819	−23·742	1·00	43.8387	10·1
...	6·458	+21·520	−5	M	...
...	6·420	+42·284	−3	...	...
...	6·402	+44·597	−4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
			601-660		
601					
...	− 6·378	+14·522	−5	M	.
...	6·222	−41·412	−5	...	...
...	6·111	+22·191	0·80	...	..
...	6·087	+41·872	−1	42.8179	10·2
*	6·027	+20·911	1·2	42.8178	9·2
...	5·936	−30·029	−2	..	...
...	5·811	+23·549	−5	M	..
*	5·796	−22·956	1·10	43.8389	9·6
...	5·684	−50·533	1·00	43.8388	10·1
...	5·483	+53·352	−1	42.8180	10·2
611					
*	− 5·320	− 1·028	1·00	43.8390	10·0
...	5·248	+57·687	−3	...	...
...	5·240	−18·230	−5	M	...
*	5·135	− 8·941	1·10	43.8391	9·3
*	5·095	+13·813	1·00	42.8181	10·0
..	− 4·891	+59·385	−1	42.8182	10·2
†	4·598	−38·211	−4	...	...
...	4·595	+30·238	−3	...	...
...	4·434	+18·560	0·85	...	...
...	4·341	−29·182	−3	...	...
621					
...	− 4·340	+38·567	0·80	...	..
...	4·284	+46·164	−3	...	...
...	4·128	+ 6·598	0·65	42.8183	10·2
...	4·048	−14·164	1·00	...	...
...	4·046	+56·863	1·00	42.8184	10·2
...	− 3·850	−42 731	−4	...	...
...	3·837	+52·654	−4	...	...
...	3·595	+35·272	−5	M	...
...	3·592	+ 8·519	−5	...	...
...	3·188	+30·358	1·00	42.8185	10·2
631					
*	− 3·180	+43·977	1·20	42.8186	9·8
...	3·072	+23·071	0·95	42.8187	10·2
...	2·928	−26·088	−5	...	...
*	2·897	+12·507	1·15	42.8188	9·7
*	2·860	+26·059	1·10	42.8189	9·6
...	− 2·814	+50·018	−4	...	...
...	2·699	+18·799	−4	...	...
...	2·538	− 1·233	−5	*m*	...
...	2·475	+52·131	−4	...	...
...	2·405	+14·329	0·70	...	...
641					
..	− 2·351	−47·691	1·00	...	...
.	2·305	−23·172	−5	..	...
...	2·148	+35·164	−4	...	...
...	2·118	+38·034	1·05	42.8190	10·1
..	1·949	−26·871	−2	...	...
..	− 1·907	+39·621	−4	...	...
	1·848	− 0·472	−5	...	...
.	1·800	−50·937	−4	...	...
.	1·795	+28·045	−5	...	...
.	1·760	+ 8·057	0·70	...	...
651					
...	− 1·642	− 0·721	−5	*m*	...
...	1·579	−30·556	−4	...	...
...	1·550	−28·494	−5	...	...
...	1·513	+10·166	−2	...	...
...	1·484	+35·538	−3	*m*	...
...	− 1·323	− 0·166	−5	M *m*	...
†	1·279	+25·058	−5	...	...
...	1·119	+31·091	−1	...	...
...	1·096	−49·470	−3	...	...
...	0·763	+37·349	−1	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
			661-720		
661					
.	− 0·675	−15·423	−5	*m*	...
...	0·667	+ 5·285	−5	M	...
...	0·481	+ 4·370	1·00	..	...
...	0·448	+33·484	−5	..	...
...	0·346	+42·626	1·00	42.8191	9·9
...	− 0·329	+17·080	−1	..	...
...	0·125	− 6·698	−5	M *m*	...
*	0·121	+18·868	1·10	42.8192	9·9
...	0·072	+21·309	−4	M	...
...	0·062	+34·284	−5	M	..
671					
...	+ 0·052	+45·925	−2	...	...
...	0·135	−48·087	−2	...	...
...	0·200	−56 441	1·00	...	...
...	0·201	−37·348	−5	*m*	...
†	0·375	−53·612	−5	...	
...	+ 0·475	−19·346	−2	.	.
...	0·554	−46·009	−2	...	...
...	0·600	−54·817	−1	...	...
...	0·962	−56·027	−3	...	...
*	1·116	−27·628	0·95	...	...
681					
...	+ 1·125	+38·055	−1	...	...
...	1·203	+43·293	−5	..	.
...	1·209	+38·965	−2	..	.
...	1·330	+24·174	−1	..	.
*	1·375	+29·680	1·00	42.8193	10·2
...	+ 1·376	+36·576	−4	M	...
S *	1·432	+46·006	2·00	42.8195	8·8
...	1·445	−45·381	−3	...	...
*	1·448	+58·265	1·30	42.8194	9·2
...	1·560	−49·074	−2	...	...
691					
...	+ 1·583	+31·098	−4	...	...
...	1·809	−54·379	−5	...	...
...	1·835	−35·550	−5	...	...
*	1·838	+21·447	1·00	42.8196	10·0
...	1·859	+13·135	−5	M	...
...	+ 1·873	+44·207	1·00	42.8197	10·0
...	2·108	+24·043	−5	M	...
...	2·139	+17·832	−2	...	...
*	2·166	− 7·144	1·05	43.8392	9·8
...	2·215	− 1·506	−4	...	...
701					
...	+ 2·220	+45·731	−4	...	..
...	2·268	+16·240	−5	M	...
*	2·326	+20·614	1·00	42.8198	9·8
...	2·389	−12·997	−5	M *m*	...
*	2·401	−20·797	1·00	43.8393	9·8
...	+ 2·557	+33·690	−4	...	...
S *	2·677	+ 5·958	1·95	42.8199	8·6
†	2·684	−44·731	−5	...	...
...	2·686	−31·695	−5	...	..
...	2·879	−31·076	−4	...	...
711					
...	+ 2·981	−24·005	−5	M *m*	...
...	3·005	−44·277	−5	...	...
...	3·183	−41·559	−3	...	...
...	3·337	+ 4·334	−5	M	...
...	3·346	+47·617	−5	...	...
...	+ 3·472	+ 3·591	−5	M *m*	...
...	3·472	−19·181	0·90	...	...
...	3·508	+35·219	−5	M	...
...	3·751	−57·664	−5	...	...
...	3·823	−24·869	−4	...	...

721–780

Notes.		Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
721						
	+	3·041	+38·609	− 4	...	...
...		3·543	− [illegible]	− 4	M	...
		3·761	−46·700	− 4	...	...
		3·943	+18·207	1·[illegible]	42.8200	9·9
		4·018	+21·812	1·[illegible]	42.8201	9·8
...	+	4·232	− 8·625	− 3	...	...
		4·[illegible]	+37·[illegible]	− 5	M	
		4·[illegible]	−33·[illegible]	− 5	...	...
		4·447	− 3·802	− 5	M *m*	...
...		4·582	+21·736	0·80	...	...
731						
...	+	4·6[illegible]	+14·206	0·65	...	...
		4·606	+ 2·332	0·75	42.8202	10·2
*		4·609	+56·134	1·25	42.8203	9·0
		4·706	+29·751	− 1	...	...
*		4·795	+56·024	1·20	42.8203	9·0
	+	4·835	−54·501	− 3	...	...
		5·393	+22·428	− 4	...	...
...		5·440	+ 7·053	− 3	...	...
...		5·47[illegible]	+ 3·134	− 2	...	...
...		5·488	+32·005	0·70	...	...
741						
...	+	5·521	+ 3·841	− 4	*m*	...
...		5·610	−24·656	− 5	...	...
...		5·628	−22·977	− 4	...	...
*		5·675	−21·080	1·10	43.8394	9·8
...		5·760	−42·524	− 5	...	...
...	+	5·787	− 2·963	− 5	*m*	...
...		5·888	− 2·817	− 5	*m*	...
		5·891	+33·693	− 3	...	...
*		5·923	−41·640	1·05	43.8395	9·6
...		6·078	− 7·965	0·65	...	...
751						
*	+	6·[illegible]4	−16·863	1·00	43.8396	10·1
		6·172	+16·519	− 2	...	...
...		6·304	−59·415	− 2	...	...
*		6·334	− 3·688	1·00	43.8397	10·1
...		6·339	−10·976	0·70	...	...
	+	6·368	+42·237	− 3	...	...
		6·403	+ 9·749	− 3	...	...
		6·519	+10·629	0·85	...	...
*		6·562	−35·892	1·05	43.8398	10·0
...		6·580	− 7·703	1·00	43.8399	10·1
761						
...	+	6·629	−14·450	− 3	...	...
...		6·835	− 3·558	− 5	...	...
*		6·876	−20·568	1·05	43.8400	10·1
		7·147	+ 1·993	− 3	...	...
...		7·286	−17·027	− 4	...	...
...	+	7·309	−18·066	0·65	...	...
...		7·332	+37·381	− 4	...	...
...		7·372	−54·891	− 3	...	...
...		7·378	+ 6·367	− 4	...	...
...		7·425	− 6·431	− 4	...	...
771						
...	+	7·440	+34·326	− 3	...	...
		7·707	+18·247	− 4	...	...
		7·[illegible]25	+39·443	1·00	42.8204	10·2
		7·[illegible]28	+ 9·159	− 4	...	...
...		8·003	− 3·746	− 5	...	...
...	+	8·084	+14·883	− 5	...	...
		8·104	+31·318	− 5	...	...
...		8·107	+38·406	− 5	...	...
		8·386	+54·400	1·1	42.8205	9·7
...		8·398	− 7·[illegible]	0·80	...	...

781–840

Notes.		Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
781						
	+	8·406	+ 9·[illegible]11	0·65	...	...
...		8·42[illegible]	+ 9·365	− 2	...	...
		8·534	+58·680	0·75	42.8207	10·2
		8·546	−45·240	− 3	...	...
		8·617	+32·[illegible]08	− 5	...	...
	+	8·639	+40·359	− 2	42.8206	10·2
		8·685	−59·266	1·00	43.8401	10·1
...		8·788	−21·041	− 3	...	...
S *		8·810	−27·674	2·60	43.8402	7·7
...		8·917	+41·919	− 5	...	...
791						
...	+	8·935	− 9·077	0·85	...	...
		8·948	−39·339	− 3	...	...
...		8·986	−27·889	− 3	...	...
		9·046	− 0·937	− 5	*m*	...
		9·[illegible]87	−34·360	− 5	...	...
...	+	9·252	−40·774	− 3	...	...
...		9·272	−26·374	0·70	...	...
*		9·336	− 0·518	1·50	43.8403	9·3
...		9·488	+34·018	− 4	42.8208	10·2
...		9·608	+34·022	− 5	...	...
801						
...	+	9·630	−54·191	0·90	...	...
...		9·637	+52·472	− 5	...	...
n		9·646	+17·836	0·65	42.8209	10·2
...		9·666	−21·584	0·95	...	...
...		9·704	+53·101	− 5	...	...
n	+	9·725	+17·716	0·65	42.8209	10·2
...		9·736	−12·276	− 4	...	...
...		9·768	+35·403	− 5	...	...
...		9·831	+17·259	0·95	42.8210	10·2
*		9·857	+49·258	1·15	42.8211	9·8
811						
...		+10·154	−28·037	− 4	...	...
...		10·166	+12·161	− 4	...	...
†		10·339	−33·202	− 4	...	...
†		10·357	− 4·893	− 4	*m*	...
...		10·469	+42·626	− 5	...	...
...		+10·572	+40·786	− 5	...	...
...		10·797	−42·737	0·65	...	...
...		10·988	+53·352	1·00	42.8212	9·9
...		11·080	+10·679	− 3	...	...
...		11·082	+23·227	− 5	...	...
821						
...		+11·107	−11·380	− 4	...	...
...		11·143	+16·309	− 4	...	...
		11·211	+34·193	0·65	...	...
...		11·753	+51·793	0·95	42.8214	10·0
*		11·763	+24·844	1·00	42.8213	9·9
...		+11·843	− 7·842	− 4	...	...
...		11·891	+10·389	− 4	...	...
		11·902	+ 9·906	− 5	...	...
		12·422	+49·479	− 4	...	...
...		12·425	− 1·617	− 3	...	...
831						
		+12·512	+42·191	− 5	...	...
...		12·514	− 9·523	0·65	...	...
...		12·551	+57·590	− 1	...	...
		12·591	− 1·959	− 3	...	...
		12·603	−47·806	− 1	...	...
		+12·673	+35·325	0·85	42.8215	10·2
		12·750	−17·688	0·65	...	...
...		13·217	− 8·296	0·65	...	...
		13·218	+52·883	0·85	42.8216	10·1
		13·276	+21·347	− 3	...	...

841–900

Notes.		Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
841						
...		+13·439	−43·952	− 5	...	...
		13·454	− 7·212	− 4	...	...
...		13·470	−16·806	− 2	...	
...		13·667	+31·472	− 3	...	...
...		13·691	+59·003	− 5	...	...
...		+13·707	+49·722	− 5	...	...
...		13·757	+21·043	0·90	42.8217	10·2
...		13·794	+10·213	− 4	...	...
...		13·864	−43·907	− 2	...	...
...		13·933	+44·851	1·00	42.8218	10·1
851						
...		+14·105	+46·393	1·00	42.8219	9·8
...		14·222	−23·803	− 3	...	...
†		14·433	−14·835	− 3	...	...
...		14·498	−44·566	− 4	...	...
...		14·591	+16·416	− 3	...	...
...		+14·623	−16·403	− 3	...	...
...		14·647	−47·987	0·85	...	...
*		14·803	+11·385	1·00	42.8220	9·8
...		14·842	+43·194	− 5	...	...
...		14·989	+41·603	− 5	...	...
861						
...		+15·017	+45·308	1·00	42.8221	10·0
‡		15·155	+55·074	1·20	42.8222	9·6
...		15·434	+11·785	− 3	...	...
...		15·459	−43·461	0·75	...	...
...		15·532	+22·820	− 3	...	...
...		+15·540	−17·747	− 4	...	...
...		15·603	−14·464	− 4	...	...
*		15·639	+33·431	1·00	42.8223	10·2
...		15·689	+11·236	− 4	...	...
...		15·750	+36·248	− 3	...	...
871						
...		+15·932	−11·749	− 5	...	...
*		16·022	+ 7·426	1·30	42.8225	9·4
*		16·075	+11·141	1·05	42.8224	9·8
...		16·110	+ 5·925	− 5	...	...
...		16·308	+ 0·494	− 5	*m*	...
...		+16·358	−22·472	− 5	...	...
...		16·491	−48·900	1·00	...	...
...		16·524	+32·561	− 3	...	...
...		16·606	−11·953	− 4	...	...
...		16·767	+41·854	− 5	...	...
881						
...		+16·774	−22·356	− 5	...	...
*		16·967	−46·944	1·05	43.8404	10·0
...		16·991	−44·857	− 5	...	...
...		17·177	−38·223	− 2	...	...
...		17·330	+ 7·276	− 4	...	...
...		+17·411	−46·989	0·95	43.8405	10·1
...		17·582	+12·070	− 3	...	...
...		17·596	+12·163	− 4	...	...
*		17·607	−23·240	1·05	43.8406	10·1
...		17·641	−36·291	− 4	...	...
891						
...		+17·741	+23·142	− 4	...	...
...		17·796	+ 3·517	0·90	42.8226	10·2
...		17·808	+23·927	− 4	...	...
...		17·864	− 6·468	0·65	...	...
...		18·073	+41·533	− 5	...	...
...		+18·095	−25·062	− 4	...	...
...		18·109	−58·780	− 3	...	...
...		18·129	+47·096	− 3	...	...
...		18·367	− 1·789	− 3	...	...
...		18·388	− 8·289	− 5	...	...

733, 735. C.P.D., suspected double.

803, 806. C.P.D., mass.

901–960

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
901					
...	+18·399	+15·865	− 1	° .	..
...	18·403	−32·323	− 5	...	...
...	18·569	−11·961	0·80		
...	18·700	−11·985	0·80	43.8407	10·0
*	18·704	+22·008	1·00	42 8227	10·1
...	+18·837	− 6·524	− 5	..	...
...	18·922	−35·208	− 4	...	...
...	19·069	− 1·439	− 3	..	...
...	19·120	+56·645	− 5	..	...
*	19·250	−56·875	1·20	43 8408	9·6
911					
...	+19·544	−29·225	0·85	..	...
...	19·565	+ 6·076	− 5	...	...
*	19·629	−50·913	1·15	43.8409	9·6
...	19·668	−21·026	− 4	..	
...	19·687	+57·435	− 3		...
...	+19·714	−48·588	0·95		
...	19·715	+24·365	− 5	...	...
...	19·794	− 0·893	− 5	.	..
...	19·804	− 1·082	− 3		...
...	19·851	−23·107	− 4	...	.
921					
...	+19·913	+24·704	0·65	.	.
...	19·924	−33·091	− 4		...
...	19·926	+47·967	− 5	...	.
...	19·973	+ 9·433	− 4	...	..
†	20·080	+35·394	1·90	42.8228	9·0
.	+20·135	−55·421	− 5	...	...
...	20·290	+56·022	0·85	42.8229	10·2
...	20·467	+46·347	− 5	...	...
...	20·496	+28·473	− 5	...	...
...	20·529	+40·570	− 5	...	...
931					
*	+20·571	−21·744	1·10	43.8410	9·5
*	20·611	−24·012	1·00	43.8411	10·1
...	20·642	−52·788	0·95	...	...
*	20·748	−38·147	1·00	43.8412	9·8
...	20·756	− 8·094	− 5	m	.
...	+20·829	+54·453	− 5	...	...
...	20·888	+22·374	− 5	...	...
...	20·900	+ 2·011	− 5	...	...
*	20·942	+ 9·447	1·60	42.8230	9·2
...	21·089	+49·507	0·65	..	...
941					
...	+21·133	− 8·828	0·65	...	...
...	21·152	−39·349	− 5	m	...
...	21·177	−56·839	0·90	...	...
...	21·234	+46·426	− 5	...	...
..	21·239	+16·472	− 5	...	...
..	+21·245	−14·224	− 4		...
...	21·385	+23·553	− 5	...	..
...	21·398	−20·514	− 5	...	...
...	21·401	−54·338	− 4	...	...
...	21·538	− 5·400	− 4	...	...
951					
...	+21·543	+25·788	0·95	42.8231	10·2
...	21·551	+39·415	− 5	...	...
...	21·631	+47·374	0·70	...	...
...	21·659	−21·425	0·90	...	...
...	21·684	− 0·740	− 5	m	...
...	+21·783	−47·131	0·90	...	...
...	21·852	−52·792	0·80	...	...
...	21·949	−27·890	− 4	...	...
...	21·961	+42·315	0·75	...	...
*	21·971	+18·468	1·00	42.8232	10·0

961–1020

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
961					
.	+22·003	−38·077	− 4	°	...
..	22·012	−40·014	− 3		...
...	22·027	−57·472	− 3		...
...	22·150	+33·944	0·65		
*	22·350	− 9·995	0·95	.	.
...	+22·446	−26·398	− 3	.	...
...	22·514	−34·054	− 5	..	...
..	22·552	−17·950	− 2	..	...
...	22·654	−34·042	− 5	..	.
.	22·820	−24·421	0·90	...	..
971					
...	+22·929	+31·013	− 4	...	...
...	22·947	+59·065	0·95	42.8233	10·1
...	23·127	+ 7·510	− 3	...	...
...	23·138	− 0·021	− 1	a	...
...	23·173	−29·323	− 5	...	...
...	+23·444	−26·416	− 2	...	...
*	23·515	−29·122	1·00	43.8413	10·0
...	23·530	−14·358	− 4	..	...
.	23·574	+52·090	− 2	...	...
...	23·705	+15·868	− 3	...	..
981					
...	+23·816	+35·939	0·65	...	...
*	23·853	−28·140	1·00	43.8414	10·1
*	23·874	+17·629	0·95	42.8234	10·2
...	23·925	+44·603	− 5	...	...
*	23·942	+53·484	1·50	42.8236	9·2
...	+23·969	+59·765	1·10	42.8235	9·8
...	23·987	−38·252	− 5	m	...
...	24·203	− 6·057	− 4	...	...
*	24·237	− 5·819	1·30	43.8415	9·2
...	24·305	−26·239	− 5	...	...
991					
*	+24·380	−20·733	1·05	43.8416	9·6
...	24·464	+41·494	− 4	...	...
...	24·590	+36·825	− 5	...	...
...	24·790	+20·745	− 4	...	...
..	24·843	+41·590	− 2	...	...
...	+24·971	+20·822	− 3	...	...
.	25·024	−58·982	1·00	43.8417	10·1
...	25·061	+33·631	− 5	...	...
†	25·139	+21·611	0·85	42.8237	10·2
...	25·306	−22·255	0·90	...	...
1001					
...	+25·321	+28·512	− 2	...	...
..	25·463	+36·286	− 2	...	...
...	25·465	−39·121	0·80	...	...
...	25·467	+59·645	1·05	42.8238	9·8
...	25·497	−25·827	0·70	...	...
.	+25·531	−55·742	− 5	m	...
...	25·534	+13·390	0·75	...	...
...	25·576	−43·512	− 5	...	...
*	25·593	−26·046	1·05	43.8418	10·0
. .	25·593	−12·919	0·65	...	...
1011					
...	+25·601	+31·540	− 5	...	...
...	25·700	+ 9·260	− 4	m	...
...	25·764	+ 9·359	− 2	...	...
...	25·797	+ 9·137	− 4	m	...
...	25·828	−13·459	− 4	...	...
...	+25·930	−39·558	− 3	...	...
...	25·955	−46·782	− 3	...	..
...	26·105	+48·056	− 4	...	...
...	26·148	−43·354	− 4	...	...
...	26·300	+39·048	− 3	...	...

1021–1080

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1021					
...	+26·365	− 6·558	0·70	°	...
...	26·388	+ 7·074	− 4	..	...
...	26·429	+16·000	− 3	.	...
..	26·451	− 5·793	− 2	..	...
.	26·462	+ 0·840	0·85	...	...
...	+26·467	+46·898	− 4	...	...
..	26·555	+ 3·511	− 5	...	...
...	26·580	−53·713	− 3	..	...
...	26·603	+ 7·076	− 2	..	...
..	26·639	+19·467	− 3	.	...
1031					
S *	+26·662	+46·387	2·00	42.8239	8·5
...	27·164	−56·737	− 3	...	...
...	27·424	−56·270	− 5	...	...
.	27·483	+49·374	− 4	...	...
..	27·485	+18·347	− 4	...	...
...	+27·496	−48·050	0·95	..	...
...	27·568	+ 3·542	− 1	..	...
...	27·582	−38·131	− 5	...	...
...	27·638	+54·295	0·65	42.8240	10·1
...	27·690	−46·957	− 5	m	...
1041					
...	+27·763	+15·247	− 5	...	...
S *	27·796	−50·696	2·00	43.8419	8·2
...	27·913	+28·005	− 2	...	...
...	28·036	+37·559	− 4	...	...
...	28·196	−26·677	− 5	...	...
...	+28·329	−10·932	0·95	...	..
...	28·428	+52·187	0·65	42.8241	10·2
...	28·433	+25·624	− 3	..	...
..	28·473	−13·727	− 3	...	...
...	28·589	+55·634	− 4	...	...
1051					
...	+28·610	+14·032	− 2	...	...
...	28·631	+34·573	− 2	...	...
...	28·790	− 8·295	0·80	...	...
...	28·878	+18·757	− 5	...	..
..	28·903	−22·878	− 5	...	...
...	+28·956	−15·583	1·00	...	...
...	28·961	−20·325	− 5	..	...
...	28·964	−51·065	− 2	...	...
...	29·033	+26·466	− 2	...	...
†	29·085	−49·639	− 5	m	...
1061					
...	+29·132	+57·518	− 4	...	...
*	29·148	+ 8·707	1·05	42.8242	9·9
..	29·189	+20·815	− 3	...	...
...	29·260	−23·530	− 5	...	...
...	29·325	− 9·433	− 4	...	...
...	+29·378	+22·028	− 1	...	...
...	29·380	+34·098	1·00	42.8243	10·1
...	29·645	− 0·561	− 5	m	...
...	29·692	+ 8·985	− 5	...	...
*	29·855	+ 6·529	1·10	42.8244	9·9
1071					
...	+29·875	− 1·884	− 5	m	...
...	29·902	−31·318	0·65	...	...
...	29·929	−39·539	− 4	...	...
...	29·973	+37·737	1·00	42.8245	10·2
...	30·024	−41·255	− 3	...	...
*	+30·111	−44·336	1·10	43.8420	10·1
†	30·202	−14·770	0·70	...	...
...	30·273	+24·597	− 3	...	...
*	30·286	−16·524	0·95	...	...
...	30·423	−13·907	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
	1081–1140				
1081					
...	+30·508	+38·307	−2	...	...
...	30·629	− 5·899	−4	...	...
...	30·824	−38·216	−5	m	...
...	30·912	+ 2·646	−2	...	...
...	30·972	+24·143	−1	..	...
...	+31·046	−46·998	0·70	...	...
...	31·115	−23·704	−5	...	...
...	31·277	−51·095	1·00	43.8421	10·1
*	31·286	+ 2·740	1·00	42.8246	10·2
...	31·320	+48·429	−3	...	...
1091					
...	+31·406	+35·291	−5	...	...
...	31·421	−14·435	−1	...	...
...	31·441	−43·291	−1	...	...
...	31·515	+56·672	−5	...	...
...	31·558	−23·002	−5	m	...
...	+31·623	+10·284	−5	...	...
...	31·640	+29·574	0·70	...	...
...	31·644	−28·920	−5	...	...
...	31·682	+30·403	−4	...	...
...	31·691	−25·544	0·65	...	...
1101					
...	+31·764	+ 1·224	−4	...	...
...	31·828	+ 9·895	−3	...	...
...	31·947	−58·251	−1	...	...
...	31·999	− 1·728	−5	m	...
...	32·023	− 7·755	−5	m	...
...	+32·064	+19·616	−5	...	...
...	32·120	+12·368	−4	...	...
...	32·223	−13·064	−4	...	...
...	32·309	−56·026	−4	...	...
...	32·353	+ 7·695	−5	...	...
1111					
...	+32·406	−33·115	0·90	...	...
...	32·416	+37·967	1·00	42.8247	9·9
...	32·477	+26·861	−4	...	...
*	32·491	−24·593	0·95	...	...
...	32·531	− 4·626	−2	...	...
...	+32·622	+38·166	−4	...	...
...	32·641	−30·810	−4	...	...
...	32·694	−28·813	−4	...	...
...	32·731	+46·241	−4	...	...
...	32·777	+ 3·327	−4	...	...
1121					
...	+32·825	−13·626	−5	...	...
...	32·841	+17·178	0·65	...	...
...	32·904	−22·902	−5	...	...
...	33·106	−23·112	−3	...	...
...	33·107	+48·332	1·00	42.8248	10·2
*	+33·469	+21·217	1·05	42.8249	9·8
...	33·539	−40·132	0·85	...	...
...	33·565	− 1·434	−4	..	...
...	33·653	−14·005	−1	...	...
*	33·660	+28·475	1·00	42.8250	9·8
1131					
...	+33·679	+29·080	−1	...	...
...	33·680	+14·089	−1	...	...
...	33·743	+37·479	0·95	42.8251	10·1
...	33·961	+ 6·152	−5	...	...
...	33·959	−34·276	−1	...	...
...	+34·076	+26·725	0·90	42.8252	10·2
†	34·154	+59·938	−4	...	...
...	34·175	+51·454	−5	...	...
...	34·368	+45·370	−4	...	...
...	34·422	+43·942	0·85	...	...
	1141–1200				
1141					
...	+34·650	+46·693	−5	...	...
...	34·813	+ 9·887	−2	...	...
*	34·905	−36·303	1·10	43.8422	9·4
...	34·924	+23·965	−4	...	...
†	35·129	+23·124	−3	...	..
...	+35·255	+41·739	−5	...	...
...	35·471	− 5·940	−4	...	...
...	35·557	−14·296	0·70	...	...
...	35·586	+ 0·521	−2	...	...
...	35·589	+13·926	−5	...	...
1151					
...	+35·621	− 0·240	−4	a	...
...	35·621	−23·456	1·00	...	...
...	35·739	+33·335	−2	...	...
..	35·856	−20·025	−5	m	...
...	35·877	+26·087	−3	...	...
...	+36·047	−22·521	−5	...	...
...	36·111	+ 1·619	0·65	...	...
...	36·116	−30·014	0·90	...	...
...	36·131	−16·281	−5	m	...
...	36·182	− 5·083	−4	m	...
1161					
N *	+36·262	+21·319	1·95	42.8253	8·8
...	36·273	+36·656	−3	...	...
...	36·302	+45·629	−5	...	..
...	36·308	−50·420	1·00	...	...
...	36·393	−17·578	0·90	...	...
...	+36·432	+56·553	−5	...	...
...	36·441	−43·611	−5	m	...
...	36·474	+25·462	1·00	42.8254	10·2
*	36·529	−56·330	1·05	43.8423	10·1
*	36·549	+38·123	1·50	42.8255	9·2
1171					
...	+36·557	−37·664	−3	...	...
...	36·745	− 7·265	−5	...	...
...	36·750	−15·527	0·85	...	...
...	36·757	−28·855	−4	...	...
...	36·941	+22·549	−5	...	...
...	+36·942	−26·302	−5	...	...
*	37·009	−20·413	1·05	43.8424	10·1
...	37·012	−23·819	−5	...	...
*	37·052	+29·364	1·20	42.8256	9·7
...	37·061	− 2·161	−3	...	...
1181					
..	+37·156	+16·876	−5	...	...
...	37·185	−49·343	−4	...	...
..	37·265	+23·699	1·00	42.8257	10·2
...	37·316	+29·828	−1	...	...
...	37·571	−13·332	−3	..	...
...	+37·816	+ 5·646	−3	...	...
...	37·921	+23·783	−5	...	...
...	37·999	−56·461	−3	...	...
*	38·041	−32·519	1·30	43.8425	9·4
...	38·140	− 0·500	−5	m	...
1191					
...	+38·181	+47·256	−5	...	...
...	38·200	−54·777	0·75	...	...
...	38·278	+14·757	−3	...	...
...	38·302	+33·486	−5	...	...
...	38·708	+18·754	−5	...	...
...	+38·880	+31·620	−5	...	...
...	38·951	−25·126	−4	...	...
a *	38·977	+ 0·058	1·10	42.8258	9·8
...	39·174	− 5·432	−5	m	...
...	39·210	+17·421	0·75	...	...
	1201–1260				
1201					
...	+39·260	+14·487	−4	...	...
...	39·268	− 4·067	−5	...	...
...	39·449	+44·036	−5	..	...
...	39·454	+14·427	−5	..	...
...	39·481	−55·997	0·90	...	...
...	+39·650	−32·454	1·00	...	...
...	39·749	− 0·140	−5	m	...
†	40·080	+35·528	−1	...	...
†	40·151	−53·982	−5	...	...
†	40·191	+13·295	0·85	42.8259	10·2
1211					
...	+40·390	+10·957	−1	.	...
...	40·711	− 3·941	−2	...	...
...	40·950	+ 9·134	−5	...	...
...	40·967	−35·402	−5	m	...
...	41·046	+42·610	0·85	42.8260	10·2
...	+41·064	+ 6·079	−5	...	...
*	41·110	+10·263	1·00	42.8261	10·0
...	41·121	+ 6·476	−4	...	...
...	41·335	+21·173	−4	...	...
...	41·359	+ 6·155	−4	...	...
1221					
...	+41·397	−12·553	−2	...	...
*	41·446	+51·074	1·10	42.8262	9·6
...	41·461	+27·068	0·90	...	...
...	41·466	−53·739	−5	...	...
...	41·596	−57·036	0·75	...	...
...	+41·763	+55·819	−2	...	...
..	42·186	− 7·132	0·90	...	...
..	42·257	+31·984	0·95	42.8263	10·1
...	42·314	−58·326	−5	...	...
...	42·406	+30·679	0·80	...	...
1231					
*	+42·417	−45·550	1·20	43.8426	9·3
...	42·533	−17·811	0·90	...	...
...	42·590	−33·954	0·90	...	...
...	42·802	−35·789	−3	...	...
...	42·825	+17·461	−3	...	...
*	+42·957	−33·654	1·00	43.8427	9·8
...	42·997	+24·545	−5	...	...
...	43·009	−41·318	−1	...	...
...	43·014	+20·603	−5	...	...
...	43·021	−43·521	−5	...	...
1241					
...	+43·071	−50·225	−4	...	...
...	43·167	+29·037	−1	...	...
...	43·372	−22·351	−3	...	...
...	43·519	−11·269	−4	...	...
..	43·573	−52·063	−5	...	...
†	+43·613	−44·679	−5	...	...
...	43·675	+43·281	0·65	...	...
...	43·678	+36·755	−4	...	...
...	43·753	+48·437	0·90	42.8264	10·2
...	43·778	− 3·688	−2	...	...
1251					
...	+43·897	− 9·932	−4	...	...
...	44·025	+19·127	−5	...	...
...	44·172	− 3·889	−2	...	...
...	44·174	+ 5·711	−5	...	...
...	44·178	+15·005	−5	...	...
...	+44·333	−11·221	−5	...	...
...	44·338	−12·046	0·85	...	...
...	44·527	+ 7·366	0·85	...	...
...	44·543	+18·946	−4	...	...
...	44·593	− 4·580	0·65	...	...

1161. Mass. 42°·109, two stars.

1261–1320

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1261					
...	+44·619	−47·713	0·80	...	...
...	44·714	+12·134	0·70	..	...
*	44·798	+33·545	1·10	42.8265	9·6
...	44·871	+16·598	1·00	42.8267	10·1
*	44·897	+33·544	1·05	42.8266	9·4
...	+44·942	+23·623	0·90	..	...
‡	45·201	+48·059	1·35	42.8268	9·2
†	45·222	−11·202	− 4	...	...
...	45·303	+11·252	− 5	...	...
...	45·315	−48·189	1·00	43.8428	10·1
1271					
...	+45·465	−17·387	− 3	...	...
...	45·502	+35·952	− 3	...	..
...	45·559	−21·801	− 4	...	...
...	45·571	− 2·866	− 4	...	...
...	45·636	+34·535	− 5	...	...
...	+45·932	+ 0·401	− 2	...	...
...	46·099	+53·704	− 4	...	...
...	46·116	+ 1·970	− 1	...	...
...	46·184	+40·389	− 5	...	...
*	46·286	− 8·255	1·00	43.8429	10·1
1281					
...	+46·316	+56·023	− 5	...	...
...	46·317	− 0·943	− 4	...	...
...	46·405	+30·579	0·65	...	...
*	46·529	−21·391	1·20	43.8430	9·6
...	46·533	+22·970	− 3	...	...
...	+46·567	+53·367	− 1	42.8269	10·0
*	46·575	+48·062	1·10	42.8270	9·6
*	46·711	+ 7·123	1·10	42.8272	9·7
...	46·841	−20·152	− 1	...	...
†	47·010	+25·091	1·00	42.8273	10·0
1291					
...	+47·024	+19·724	− 4	...	...
...	47·070	+ 5·059	− 4	...	...
...	47·071	+53·097	1·20	42.8271	9·7
...	47·142	+34·307	− 4	...	...
..	47·270	+13·505	1·00	42.8274	9·9
*	+47·282	−50·557	1·10	43.8432	9·8
*	47·355	−38·373	1·95	43.8431	8·8
...	47·385	− 3·191	− 2	...	...
...	47·416	−14·248	− 4	...	...
...	47·659	+29·561	1·00	42.8275	10·2
1301					
...	+47·745	+ 3·073	− 1	...	...
...	47·872	− 8·941	− 3	...	...
...	47·935	−50·329	− 1	...	...
...	48·002	+27·056	0·65	...	...
...	48·126	+48·007	0·70	42.8276	9·8
...	+48·164	−29·387	0·95	...	...
...	48·472	−28·307	− 5	...	...
...	48·574	+12·746	− 4	...	...
*	48·576	+20·910	1·10	42.8277	9·8
...	48·588	+13·749	− 2	...	...
1311					
...	+48·593	+ 1·023	− 3	...	...
...	48·782	+45·733	− 5	...	...
...	48·908	−28·257	0·75	...	...
...	48·960	−20·527	− 5	...	...
...	49·056	+25·973	0·80	...	...
...	+49·057	+12·769	− 4	...	...
*	49·093	+22·854	1·95	42.8278	9·0
...	49·100	+34·224	− 5	...	..
...	49·412	−18·327	− 4	...	...
...	49·545	−32·449	− 4	...	...

1321–1380

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1321					
...	+49·557	−21·388	0·80	...	...
...	49·617	+41·302	− 2	..	...
*	49·742	−53·019	1·30	43.8433	9·5
S ‡	50·097	−26·137	6·00	43.8434	6·2
†	50·124	+54·397	− 5	42.8279	10·2
...	+50·210	− 8·768	− 3	...	...
...	50·280	−43·423	0·95	...	...
..	50·291	−23·817	− 4	...	...
...	50·395	− 1·550	− 5	*e*	...
...	50·690	−20·724	0·65	...	...
1331					
...	+50·912	−51·722	0·90	...	...
...	51·022	+ 6·717	− 5	...	...
...	51·225	+40·709	0·90	42.8280	10·2
...	51·310	+37·275	− 5	...	...
...	51·498	−18·582	− 4	...	...
...	+51·927	+17·887	0·65	...	...
...	51·963	−54·499	− 3	...	...
...	51·979	+48·907	− 1	42.8281	10·2
...	52·171	−38·268	− 5	...	...
...	52·177	+ 8·309	− 4	...	...
1341					
*	+52·215	−20·135	1·00	43.8435	9·8
†	52·288	−14·811	− 5	...	...
...	52·306	+24·286	− 3	...	...
...	52·531	−38·160	− 2	...	...
...	52·535	+35·379	− 2	...	...
...	+52·569	+38·149	0·80	42.8283	10·2
...	52·613	+50·991	1·05	42.8282	9·8
...	52·633	+42·306	− 5	...	...
S *	52·657	+15·787	2·30	42.8284	8·2
...	52·665	−32·697	− 5	...	...
1351					
...	+52·753	−44·592	− 3	...	...
...	52·760	−39·015	1·00	43.8436	10·0
...	53·016	−35·083	0·75	...	...
...	53·118	−11·437	− 4	...	...
...	53·136	+12·757	− 3	...	...
...	+53·419	+12·363	− 1	...	...
...	53·466	+27·534	− 3	...	...
*	53·694	+57·982	2·00	42.8285	9·2
...	53·715	−16·050	− 5	*m*	...
...	53·716	−17·865	− 2	...	...
1361					
...	+53·806	−53·537	− 3	...	...
...	54·066	−45·190	− 5	*e*	...
...	54·072	+ 4·561	0·90	42.8287	10·2
...	54·116	+ 2·061	0·70	...	...
...	54·202	−22·539	− 1	...	...
...	+54·269	+32·080	0·95	42.8286	10·1
...	54·461	+29·115	− 5	...	...
...	54·488	−20·551	− 4	...	...
...	54·521	− 6·523	0·75	...	...
*	54·595	−56·432	2·00	43.8437	9·2
1371					
...	+54·743	− 6·744	0·85	...	...
...	54·897	+ 3·498	0·95	42.8288	10·2
...	54·915	+11·941	− 5	...	...
...	55·018	−39·821	− 5	...	...
...	55·460	− 6·482	− 3	...	...
...	+55·531	−18·246	1·00	43.8438	10·1
...	55·582	−29·397	0·65	...	...
...	55·715	+45·879	− 1	42.8289	10·2
...	55·799	+32·057	− 4	...	...
...	55·901	−41·927	− 4	...	...

1381–1418

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1381					
...	+55·935	−47·397	0·90	43.8440	10·1
...	55·964	+ 6·452	− 3	...	...
...	55·978	−56·775	− 5	...	...
...	56·184	−12·089	1·00	43.8439	10·1
...	56·485	−29·930	− 5	...	...
...	+56·579	−37·180	− 1	...	...
*	56·654	+37·114	1·20	42.8290	9·7
...	56·945	−13·567	− 5	...	...
n	57·004	−50·512	0·90	43.8442	10·1
n	57·183	−50·751	0·65		
1391					
...	+57·405	−17·294	− 3	...	..
...	57·512	+46·553	− 4	...	...
...	57·557	−45·392	− 4	...	...
*	57·646	− 1·918	1·20	43.8441	9·4
...	57·735	−38·819	− 4	...	...
†	+57·873	−24·790	− 4	...	...
...	58·078	+ 6·698	1·00	42.8291	10·2
...	58·088	−31·737	− 5	*e*	...
...	58·189	+ 8·440	− 1	...	...
...	58·219	−13·667	− 5	..	...
1401					
...	+58·331	−22·668	− 4	...	...
..	58·524	+48·317	− 5	...	...
...	58·579	−10·207	− 4	...	...
...	58·661	−30·863	− 1	...	...
*	58·754	−38·508	1·20	43.8443	9·8
...	+58·823	+ 1·689	− 5	...	...
†	58·903	−19·773	0·70	...	...
...	58·960	+32·617	− 4	...	...
...	59·143	−34·061	− 2	...	...
...	59·202	−58·474	− 5	*e*	...
1411					
...	+59·301	+43·044	− 5	...	...
*	59·328	−24·566	2·10	43.8444	8·2
...	59·352	+ 2·706	− 5	...	...
...	59·398	+ 3·979	1·00	42.8293	10·2
...	59·576	+30·282	− 1	42.8292	10·2
...	+59·681	+25·334	− 5	...	...
...	59·689	−10·744	− 3	...	...
†	60·085	−46·853	− 5	...	...

1389, 1390. C.P.D., suspected double.

1–60

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
1					
...	−59·723	+40·560	1·00	42.8280	10·2
...	59·540	−21·538	1·00	...	...
...	59·531	+37·149	− 5	...	...
..	59·419	+33·779	− 5	...	...
...	59·286	− 1·692	− 4	E	...
...	−59·246	− 8·911	− 3	...	...
..	59·219	+48·793	− 3	42.8281	10·2
...	59·215	−32·593	− 4	...	...
...	58·919	+ 6·610	− 4	...	...
...	58·831	+17·842	− 5	...	...
11					
S *	−58·818	−26·272	5·95	43.8434	6·2
...	58·756	−11·468	− 5	M	...
...	58·718	−23·952	− 3	...	...
...	58·648	+50·884	0·75	42.8282	9·8
...	58·437	−20·821	− 2	...	...
*	−58·416	−53·161	2·00	43.8433	9·5
...	58·343	−34·474	− 4	...	...
...	58·319	+17·780	− 3	...	...
...	58·304	+38·040	1·00	42.8283	10·2
...	58·274	+35·287	− 3	...	...
21					
...	−58·228	+22·619	− 5	..	...
...	58·156	−43·548	1·10	...	.
.	58·138	+24·187	− 4	.	...
...	57·914	−41·117	− 5	...	...
...	57·883	−28·938	− 5	M	...
...	−57·809	+ 8·226	− 4	...	...
*	57·761	+57·921	2·00	42.8285	9·2
...	57·673	−18·686	− 3	...	...
S *	57·528	+15·700	3·15	42.8284	8·2
...	57·295	−51·817	− 1	.	...
31					
...	−57·113	−54·457	− 5		...
...	57·084	+27·471	− 4	.	...
...	57·030	−57·490	− 5	.	...
†	56·990	−14·882	− 5	...	...
..	56·974	+12·695	− 3	...	...
*	−56·920	−20·204	1·05	43.8435	9·8
...	56·915	−45·559	− 5	...	...
	56·718	−19·569	− 5	M	...
..	56·672	+12·307	0·95	...	...
...	56·431	+32·020	1·05	42.8286	10·1
41					
..	−56·412	−38·328	− 4	...	...
..	56·269	−11·484	− 4	...	...
...	56·214	+11·846	− 5	...	...
..	56·131	−54·577	− 5	...	..
	56·126	+29·085	− 5	...	...
...	−56·113	−42·616	− 4	.	
	56·093	−32·752	− 4	...	...
.	56·062	−38·224	− 3	...	...
...	55·792	−39·063	1·10	43.8436	10·0
...	55·791	+ 4·536	1·00	42.8287	10·2
51					
...	−55·789	+20·456	− 4	...	...
...	55·711	− 1·402	− 5	.	..
...	55·664	+ 2·024	− 3	..	...
..	55·662	−35·128	0·95	.	...
.	55·643	−44·645	− 3	...	...
...	−55·618	−34·770	− 5	...	..
...	55·514	+14·230	− 4	...	...
...	55·479	−17·892	− 4	...	...
.	55·391	+45·930	1·00	42.8289	10·2
...	55·182	+11·908	− 5	...	...

61–120

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
61					
...	−55·087	+34·497	− 5	...	...
..	55·006	− 6·528	0·80	...	...
..	54·931	+ 3·498	1·00	42.8288	10·2
†	54·873	−22·553	− 3	.	...
†	54·765	− 6·752	0·95		...
...	−54·634	−25·366	− 5		.
...	54·628	−20·560	− 2		..
...	54·362	−53·571	− 5	...	...
...	54·324	−45·219	− 4	E	...
†	54·276	−14·894	− 5	M	...
71					
..	−54·202	+37·132	1·40	42.8290	9·7
...	54·099	+ 0·851	− 5	...	...
...	54·080	− 6·467	0·65	...	...
..	53·976	+ 6·465	0·65	...	...
..	53·756	+ 2·043	− 5	...	...
...	−53·662	−18·232	0·90	43.8438	10·1
...	53·634	+23·723	− 5	...	...
...	53·606	+46·602	− 1	...	...
†	53·544	−39·815	− 5	...	..
*	53·462	−56·434	2·05	43.8437	9·2
81					
...	−53·282	−29·369	1·00	...	...
..	53·236	+33·937	− 5	...	...
...	53·196	−12·056	1·00	43.8439	10·1
...	53·022	−52·367	− 5	...	...
...	52·645	+48·386	− 4	...	...
...	−52·607	−41·891	− 1	..	...
..	52·402	−47·344	1·10	43.8440	10·1
...	52·400	+ 2·335	− 5	...	...
...	52·389	−13·500	− 4	...	...
†	52·372	−29·879	− 5	...	...
91					
...	−52·283	+12·916	− 4	...	...
...	52·108	+ 2·010	− 5	M	...
...	52·075	−56·738	− 5	...	...
..	52·055	−37·115	− 1	..	...
*	52·042	− 1·857	1·40	43.8441	9·4
...	−51·937	− 8·742	− 5	M	...
...	51·853	+ 6·788	1·05	42.8291	10·2
...	51·834	+15·644	− 5	...	...
...	51·826	−17·226	− 2	...	...
...	51·790	+ 8·527	0·90	...	...
101					
...	−51·736	+32·713	− 3	...	...
...	51·696	+43·147	− 4	...	...
...	51·657	−21·657	− 5	M	...
...	51·554	+43·499	− 5	...	...
n	51·236	−50·434	1·05	43.8442	10·1
.	−51·221	−32·074	− 5	M	...
...	51·135	−24·684	− 2	...	...
...	51·116	−13·567	− 5	...	...
...	51·063	+30·390	0·95	42.8292	10·2
n	51·046	−50·668	1·00	43.8442	10·1
111					
...	−50·973	+ 1·778	− 4	...	...
...	50·865	−10·103	− 1	...	...
...	50·844	−38·734	− 1	...	...
...	50·837	−45·291	− 1	...	...
.	50·803	+38·651	1·00	42.8294	10·2
...	−50·792	+25·449	− 4	...	...
...	50·739	−22·548	− 3	...	...
...	50·706	−31·625	− 5	E	...
...	50·470	+ 4·112	1·00	42.8293	10·2
...	50·462	+ 2·830	− 5	...	...

121–180

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
121					
...	−50·304	+49·156	− 5	...	...
...	50·247	−19·647	0·95	...	...
...	50·168	−30·734	0·95	...	...
...	50·151	+51·177	1·05	42.8295	10·0
†	49·925	+34·840	− 4	...	...
†	−49·849	−38·383	1·05	43.8443	9·8
†	49·756	+19·902	− 5	...	...
...	49·718	−10·617	− 2	...	...
*	49·662	−24·444	3·00	43.8444	8·2
...	49·589	−33·932	− 3	...	...
131					
...	−49·518	− 6·759	− 5	M	...
..	49·490	+59·700	− 3	42.8296	10·2
...	49·452	+26·513	− 5	...	...
...	49·354	+58·625	1·20	42.8297	9·6
...	49·305	+13·434	− 5	.	...
...	−49·302	+ 2·757	0·90	...	...
...	49·252	+29·338	− 5	.	...
...	49·117	+25·217	− 3		...
...	49·058	+27·094	− 5	.	...
...	49·038	+24·457	− 2	...	...
141					
...	−48·980	−17·227	− 4	M	...
†	48·842	+44·870	− 5	...	...
...	48·834	−28·571	− 5	...	...
...	48·826	−58·328	− 5	E	...
...	48·787	+23·692	0·95	...	...
...	−48·680	+34·568	− 4	...	...
...	48·664	−36·201	− 5	M	..
..	48·642	+27·037	− 5	..	...
.	48·537	−36·964	− 2	...	...
...	48·381	−19·107	− 3	..	...
151					
...	−48·279	− 5·739	− 5	M	...
...	48·256	−46·705	− 4	...	...
...	48·241	−42·501	− 5	...	...
*	48·194	+ 0·434	1·70	42.8298	9·2
...	48·131	+ 6·466	− 4	..	...
...	−48·103	−36·101	1·00	...	...
...	48·062	− 1·733	− 5	...	...
	47·996	−46·102	1·10	43.8445	9·8
..	47·761	− 1·246	− 5	M	...
...	47·660	+22·721	0·95	42.8300	10·2
161					
...	−47·638	−55·386	− 3	...	...
..	47·592	+13·707	− 5	...	...
...	47·568	−24·238	− 3	...	...
...	47·540	+18·237	1·00	42.8299	10·2
..	47·493	−19·385	− 4	...	...
...	−47·462	−44·182	− 5	M	...
...	47·408	−32·941	− 5	M	...
...	47·342	−56·822	− 3	...	...
...	47·322	− 3·754	− 5	M	...
*	47·135	−52·350	1·80	43.8446	9·5
171					
...	−47·127	−40·208	− 5	...	...
..	47·122	+35·907	− 4	...	...
...	46·817	+17·519	1·00	42.8301	10·2
...	46·798	+30·524	− 3	...	...
†	46·758	+39·996	1·05	42.8302	10·0
...	−46·691	−20·761	− 5	...	...
...	46·563	+14·790	− 5	...	...
...	46·480	− 0·821	− 5	...	...
.	46·410	+ 3·578	− 4	..	...
...	46·334	+ 7·821	− 5	...	...

M measured from 1, 127, 286, 422, 548, 661, 800, 970, 1094, 1224, 1370, 1494.
ES ... 65, 201, 354, 481, 598, 721, 889, 1036, 1164, 1298, 1434, 1550.

105, 110. C.P.D., suspected double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
181–240					
181					
...	−46·262	−22·710	− 3	...	...
...	46·241	+21·139	− 4	...	...
...	46·198	+31·665	− 5	...	...
*	46·083	−24·033	1·70	43·8447	9·3
...	45·677	−43·833	neb.	43·8449	neb.
...	−45·667	−47·455	1·10	43·8448	9·6
...	45·614	+55·218	− 2	42·8303	10·2
...	45·571	+ 9·139	− 4	...	...
...	45·568	+ 6·789	− 5	..	.
...	45·509	−36·702	1·00	...	..
191					
...	−45·497	−40·652	− 5	...	...
...	45·411	−58·066	− 4	B	...
..	45·407	− 0·149	− 5	M	...
...	45·363	+43·942	− 4	...	...
†	45·285	−49·884	− 5	M	.
...	−45·249	−18·603	− 4	...	.
...	45·192	+42·054	− 5	...	.
...	45·137	−54·044	− 4	A	.
...	45·092	−22·636	0·90	...	...
...	44·947	+10·565	− 5	...	...
201					
‡	−44·846	+ 1·585	1·05	42·8304	9·7
†	44·818	+45·013	− 1	...	...
†	44·789	+18·871	1·05	42·8305	9·8
†	44·784	+ 9·651	− 5	...	...
...	44·758	+28·157	− 5	...	...
...	−44·600	+ 4·651	0·70	...	...
...	44·579	+16·067	− 4	...	...
...	44·565	+39·164	− 1	...	..
...	44·402	−46·515	− 5	M	...
...	44·295	−40·990	− 2	...	...
211					
...	−44·242	+41·863	− 4	...	..
...	44·196	+38·832	− 3	...	...
...	44·190	+28·682	0·65	...	...
...	44·123	−36·341	− 5	M	...
*	44·062	−43·683	1·20	43·8450	9·5
...	−44·059	− 0·375	− 5	M	...
...	44·041	−41·776	− 2	...	..
...	44·010	−17·540	− 2	...	...
*	43·936	−35·187	1·25	43·8452	9·6
...	43·884	+ 3·365	0·75	...	...
221					
...	−43·843	−31·961	− 5	M	...
...	43·807	+ 3·721	0·80	...	...
*	43·807	−52·140	1·25	43·8451	9·6
*	43·788	−13·037	1·15	43·8453	9·6
...	43·517	+22·160	− 5	...	...
...	−43·487	−11·375	1·00	...	...
...	43·454	+15·734	− 5	...	...
...	43·438	+21·988	− 3	...	...
..	43·430	+35·702	1·05	42·8306	10·0
...	43·400	−17·813	− 3	...	...
231					
...	−43·396	− 9·405	0·85	...	...
...	43·314	+10·764	0·70	...	...
...	43·274	+29·454	− 5	...	...
...	43·200	−53·462	− 3	...	...
...	43·199	−40·503	1·05	43·8454	10·0
...	−43·136	+27·716	0·85	...	...
...	43·038	+50·184	− 1	...	...
...	42·892	−36·428	0·75	...	...
...	42·878	−16·199	0·75	...	...
...	42·844	−10·807	− 4	...	...
241–300					
241					
...	−42·819	−11·595	− 5	M	...
...	42·815	+16·087	1·00	42.8307	10·2
...	42·729	− 2·891	− 4	...	...
n	42·672	+34·290	0·70	42.8308	10·2
n	42·643	+34·345	− 3		
...	−42·639	−23·512	− 5	M	...
...	42·604	+ 3·004	− 2	...	...
..	42·580	− 6·357	− 1	...	...
.	42·449	−13·549	− 5	...	...
*	42·441	+27·528	1·15	42.8309	9·9
251					
...	−42·306	+32·243	− 5	...	...
.	42·255	− 8·782	− 5	M	...
.	42·226	−27·957	− 5	M	..
.	42·017	+35·303	− 4	...	..
.	41·901	−40·337	− 5	M	...
..	−41·808	−58·351	− 4	.	...
...	41·782	+ 8·617	0·85	.	...
..	41·719	+38·324	− 1	...	...
..	41·711	+14·112	0·85	.	.
...	41·513	+22·095	− 5	...	...
261					
...	−41·426	−20·891	− 5	M	...
...	41·405	+ 0·605	− 4	...	...
...	41·255	−57·639	− 1	.	...
...	41·204	+22·722	− 5	..	...
...	41·188	+33·653	− 4	.	...
..	−41·183	− 2·849	− 2	..	...
...	41·104	−26·260	− 4	...	...
...	41·037	−19·074	− 4	..	...
...	41·008	−21·739	− 4	..	...
...	40·932	+37·264	− 4	...	...
271					
...	−40·802	−12·152	0·90	.	...
.	40·797	+15·852	− 2	...	...
.	40·760	−12·442	0·70	...	..
...	40·749	+16·615	− 5	...	...
...	40·728	+49·488	1·15	42.8310	10·0
...	−40·678	− 2·558	− 4	...	...
†	40·625	−29·883	− 5	...	...
*	40·483	−18·785	1·15	43.8455	9·8
.	40·481	+51·711	− 1	...	...
...	40·409	+ 5·910	− 1	...	...
281					
†	−40·394	− 0·025	− 3	a	...
..	40·172	− 6·496	− 3	...	...
...	40·132	−31·212	− 4	...	...
...	39·957	−22·330	0·70	...	...
...	39·935	−57·193	− 5	M	...
†	−39·786	−20·770	− 4	...	...
‡	39·775	−20·598	1·00	43.8456	10·0
†	39·743	−52·829	− 4	...	...
...	39·703	+24·076	− 5	...	...
...	39·696	+43·768	− 4	...	...
291					
‡	−39·610	− 5·046	1·05	43.8457	9·6
...	39·582	−53·352	− 4	...	...
...	39·518	+53·103	− 3	...	...
n	39·482	− 9·466	0·90	43.8458	9·3
...	39·473	+ 0·625	− 5	...	...
..	−39·434	−16·636	− 3	...	...
...	39·415	−20·955	− 4	...	...
n *	39·373	− 9·282	1·60	43.8458	9·3
...	39·318	−12·862	− 5	M	...
...	39·170	+42·406	0·95	42.8311	10·2
301–360					
301					
...	−38·949	− 3·389	1·00	...	...
...	38·941	− 2·336	− 3	.	...
...	38·899	+42·831	− 4	.	...
...	38·687	+21·689	− 5	.	...
...	38·657	+24·650	− 5	...	...
...	−38·613	−37·390	1·10	43·8459	9·8
...	38·409	−41·041	0·65	...	...
†	38·380	+54·952	− 5	...	...
...	38·310	+11·237	− 5	...	...
...	38·306	+47·914	− 3	...	...
311					
...	−38·038	+11·165	− 3	...	...
...	38·034	+ 9·511	− 5	...	...
...	38·017	−50·243	− 1	...	...
...	37·913	+59·536	− 5	...	...
...	37·850	−29·002	− 5	M	...
...	−37·829	+11·120	− 4	...	...
...	37·762	−45·971	− 5	M	...
...	37·751	− 8·803	1·00	43.8460	10·1
...	37·732	−28·957	− 5	M	...
...	37·713	+56·286	1·30	42.8314	10·0
321					
...	−37·586	+53·905	− 5	...	...
...	37·417	+31·634	− 4	...	...
...	37·408	+23·847	1·00	42.8313	10·1
...	37·390	+ 0·272	1·00	42.8312	9·8
...	37·336	− 8·043	− 4	...	...
...	−37·235	− 7·401	− 3	..	...
...	37·138	+45·680	1·00	...	...
...	37·024	−15·305	− 4	...	...
...	37·000	+ 7·915	− 4	...	...
*	36·986	−17·744	1·70	43.8461	9·4
331					
...	−36·936	−37·178	− 4	...	...
...	36·824	+26·239	1·05	42.8315	10·1
...	36·537	−14·610	− 5	M	...
...	36·444	+23·099	0·85	42.8316	10·2
...	36·395	− 0·583	− 4	M	...
..	−36·385	− 8·727	− 5	...	...
...	36·310	+50·400	− 2	...	...
...	36·288	+30·493	− 4	...	...
*	36·212	+19·627	3·40	42.8317	7·6
...	36·092	+10·147	− 2	...	...
341					
...	−36·029	+25·517	0·95	42.8319	10·2
...	35·969	+21·346	− 5	...	...
...	35·949	+15·311	1·00	42.8318	10·1
...	35·944	+28·085	− 4	...	...
...	35·943	+28·285	− 4	...	...
...	−35·819	−30·231	0·75	...	...
...	35·723	+28·791	− 5	...	...
...	35·692	−13·038	− 5	M	...
...	35·634	−28·416	− 5	M	...
...	35·589	−55·464	1·05	...	...
351					
...	−35·509	−27·623	− 2	...	...
...	35·481	−44·571	− 5	.	...
...	35·404	+35·805	− 4	..	...
†	34·891	+58·558	− 4	...	...
...	34·819	+52·407	− 5	...	...
...	−34·666	+16·730	− 5	...	...
...	34·591	+45·567	− 5	...	...
...	34·568	+ 3·364	0·95	...	...
...	34·545	+16·338	1·00	...	...
*	34·536	−26·696	1·20	43.8462	9·6

244, 245. C.P.D., possibly mass.

294, 298. C.P.D., suspected double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
361–420					
361					
...	−34·535	+56·955	−5	...	...
†	34·406	−24·888	−4	...	...
..	34·398	+ 8·242	−2	...	...
...	34·255	+25·142	−5	M	...
...	34·254	−54·970	−4	...	...
...	−34·126	+16·414	−2	...	...
...	34·051	− 3·360	−4	M	...
...	34·005	+35·969	−5	...	...
...	33·815	−55·362	−5	M	...
...	33·772	−41·272	0·90	...	...
371					
...	−33·658	−10·801	−4	...	...
...	33·553	−34·642	−1	...	...
...	33·494	+33·726	−4	...	...
...	33·117	− 8·814	0·65	...	...
...	32·822	−47·584	0·95	...	...
...	−32·802	+46·282	−5	...	...
...	32·754	+ 5·561	−2	...	...
...	32·714	−11·099	−5	M	...
...	32·672	−24·603	−5	M	...
...	32·670	+13·416	−5	...	...
381					
...	−32·667	−49·452	0·75	...	...
...	32·641	+47·283	−5	...	...
...	32·373	− 0·624	−5	M	...
..	32·363	−39·490	0·70	...	...
...	32·288	−30·407	0·90	...	...
...	−32·192	+52·890	−5	...	...
...	32·180	+42·587	−5	...	...
..	32·106	+16·771	−3	...	...
...	32·093	−17·690	−5	...	...
...	32·074	−43·353	−3	...	..
391					
...	−32·040	−11·732	−4	M	...
...	31·964	+ 2·579	−5	...	...
...	31·792	+40·770	0·90	...	...
...	31·792	−26·899	−4	...	...
...	31·791	+23·048	−2	...	...
...	−31·576	−44·183	−5	M	...
...	31·493	+28·576	−4	...	...
...	31·350	− 4·348	−4	...	..
†	31·227	+30·000	0·90	42.8320	10·2
..	31·206	−18·992	−4	...	...
401					
...	−31·187	+20·546	−5	...	...
...	31·155	+ 7·914	−5	...	...
...	31·111	+51·217	0·95	42.8321	10·2
..	31·047	−20·670	−3	...	...
...	31·021	+42·573	−4	...	...
...	−30·988	−20·377	−5	M	...
...	30·959	−24·387	−4	M	...
...	30·935	−44·391	−5	M	..
...	30·745	−27·629	−5	M	...
...	30·682	+21·703	1·00	42.8322	10·2
411					
*	−30·679	+49·138	1·90	42.8323	9·6
...	30·592	−10·612	−5	M	...
...	30·579	−45·278	−4	A	...
...	30·512	+52·058	−3	..	...
...	30·298	−33·559	1·10	43.8463	10·0
*	−30·287	+57·052	2·00	42.8324	9·6
...	30·144	+26·932	1·00	...	...
...	30·120	−48·833	−5	M	...
*	30·033	−50·671	1·90	43.8464	9·3
...	29·995	−44·443	−5	M	...
421–480					
421					
†	−29·919	+ 8·882	−4	...	...
†	29·841	+ 7·579	0·65	...	...
†	29·841	−14·528	0·80	...	...
†	29·818	+ 9·227	−1	...	...
†	29·793	−42·987	−5	M	...
...	−29·703	+ 3·052	0·70	...	...
...	29·654	−52·519	1·05	43.8465	10·1
...	29·451	+ 9·472	−5	...	...
†	29·368	+15·027	−1	...	...
...	29·300	+31·851	−4	...	...
431					
...	−29·269	−10·188	−4	M	...
...	29·258	+10·967	−3	...	...
...	29·235	−18·410	−4	M	...
...	29·233	−45·379	0·70	...	...
...	29·224	−46·387	−1	...	..
...	−29·205	−28·285	−5	M	...
...	29·121	+28·433	−5	...	...
...	29·013	+48·689	−5	...	...
...	28·873	+57·964	−5	...	...
...	28·796	+ 1·961	−2	...	...
441					
...	−28·654	+19·016	−5	...	...
...	28·610	−56·748	−5	M	...
...	28·524	−30·392	0·95	...	...
*	28·273	−15·261	1·80	43.8466	9·0
*	28·272	− 9·218	1·05	43.8467	10·0
†	−28·206	+34·870	−4	...	...
...	28·083	−11·406	−5	M	...
...	27·983	−25·309	−5	M	...
...	27·815	−10·785	−5	M	...
...	27·784	− 5·588	−5	M	...
451					
...	−27·685	+ 1·320	−3	M	...
...	27·629	−10·875	−5	M	...
...	27·592	+55·306	−3	...	...
...	27·577	−23·954	−3	...	...
...	27·494	+ 8·832	−3	...	...
...	−27·447	+43·516	−4	...	...
...	27·260	+10·482	−3	...	...
...	27·104	+56·074	−4	...	...
...	27·068	+ 6·765	−5	...	...
...	26·978	+34·095	−4	...	...
461					
...	−26·809	+11·845	−4	...	...
...	26·711	+17·276	−3	...	...
...	26·705	−56·710	−5	M	...
...	26·626	+34·821	2·40	42.8325	8·4
...	26·541	−37·138	−4	M	...
*	−26·420	−25·405	1·00	43.8468	10·0
...	26·276	+39·501	−4	...	...
...	26·275	−36·767	−2	...	...
†	26·260	+54·981	1·10	...	...
...	25·994	−30·555	−4	...	...
471					
...	−25·866	−22·435	−4	M	...
..	25·773	−32·720	−5	M	...
...	25·690	− 2·828	−2	...	...
...	25·662	−52·130	−5	M	...
...	25·660	+18·879	−5	...	...
*	−25·653	+41·197	1·15	...	...
...	25·591	− 5·393	−4	M	...
..	25·573	− 8·731	0·85	...	...
...	25·557	+42·257	−5	...	...
...	25·459	−25·867	−5	M	...
481–540					
481					
†	−24·899	+28·635	0·70	...	...
...	24·757	− 7·547	−5	M	...
...	24·684	+38·756	−5	...	...
...	24·576	− 2·238	−5	M	...
...	24·528	+38·712	0·85	...	...
...	−24·473	+ 1·512	−5	...	...
...	24·423	−44·046	−5	M	..
...	24·419	+50·268	−4	...	...
*	24·198	+41·494	1·60	...	...
...	24·167	−58·289	−4	...	..
491					
...	−24·152	+47·251	−1	...	...
..	24·087	−27·946	−5	M	...
...	24·016	−30·497	0·90	...	...
...	23·909	+27·091	−3	...	...
...	23·764	− 7·455	−3	.	...
..	−23·683	+48·408	−4	...	...
...	23·601	+33·352	0·95	...	...
*	23·583	+11·356	1·00	...	...
...	23·540	+ 9·264	−5	...	...
...	23·498	+30·048	−5	..	...
501					
...	−23·498	−33·708	−5	M	...
...	23·494	+14·060	−4	...	...
...	23·483	− 0·580	0·85	...	...
...	23·468	+41·896	−5	...	...
..	23·381	−41·990	−4	M	...
...	−23·335	+ 9·690	−5	...	...
	23·322	− 0·653	−5	M	...
...	23·301	−50·147	−5	M	...
..	23·218	−14·378	−4	...	...
...	23·179	+15·201	0·65	...	...
511					
...	−23·108	+52·413	1·00	...	...
...	22·920	− 3·726	−5	M	...
...	22·674	+27·941	−5	...	...
...	22·595	−53·027	−5	...	.
...	22·544	+30·792	−4	...	...
...	−22·541	+13·912	−5	...	...
...	22·476	+12·265	−4	...	...
...	22·322	+35·987	−4	...	...
...	22·311	+24·398	−5	...	...
...	22·258	−48·640	−4	...	...
521					
...	−22·229	−55·354	−4	M	...
†	22·192	+15·033	−4	...	...
...	22·102	+22·152	−5	...	...
...	22·066	+16·326	−5	...	...
*	22·008	− 8·711	1·05	43.8469	9·8
...	−21·819	−32·386	−2	...	...
...	21·733	−27·972	−4	M	...
...	21·697	−42·566	−5	M	...
...	21·680	+55·083	−1	...	...
...	21·586	+39·333	−5	...	...
531					
†	−21·574	−29·928	0·90	...	...
...	21·520	−28·537	−4	...	...
...	21·482	+49·756	−1	...	...
..	21·426	+31·336	−3	...	...
†	21·349	− 4·888	−5	...	...
*	−21·307	−17·214	1·80	43.8470	8·8
...	21·290	−16·220	0·75	...	...
*	21·285	+56·248	2·05	42.8327	9·7
...	21·265	− 6·786	−5	M	...
S *	21·206	+34·810	2·20	42.8326	8·5

541-600

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −z.	C.P.D. No.	C.P.D. Mag.
541					
...	−21·142	+10·691	− 4	...	
...	20·753	+10·789	− 5	M	...
...	20·603	+54·386	− 1	..	...
*	20·456	+16·442	1·05	...	...
...	20·415	+27·637	1·00	...	...
...	−20·420	−49·483	0·80	...	...
...	20·093	−13·629	− 4	...	...
†	19·903	+ 8·331	− 1	..	...
†	19·845	−44·214	0·65	...	...
*	19·758	+36·508	1·00	...	...
551					
*	−19·668	−25·463	1·60	43.8471	9·0
...	19·589	− 1·277	− 4	M	...
...	19·547	+18·177	− 4	...	...
...	19·457	−33·781	− 5	M	.
...	19·433	− 7·980	− 4	...	...
...	−19·396	− 4·306	− 5	M	...
...	19·150	−54·495	− 5	...	...
...	18·901	+47·223	− 5	...	...
...	18·752	+45·278	− 5	...	...
...	18·592	+24·416	0·70	..	...
561					
...	−18·479	−16·201	0·85	...	...
...	18·464	+12·674	0·65	...	...
*	18·400	−24·739	1·00	43.8472	10·1
...	18·397	+ 0·626	0·85	...	...
...	18·031	+31·252	0·80	...	...
...	−17·888	+41·251	− 5	...	...
*	17·653	+11·334	1·15	...	...
...	17·571	+ 5·352	− 5	..	...
...	17·547	+41·304	− 4	...	...
...	17·432	+51·443	− 2	..	...
571					
...	−17·424	−45·598	− 4	M	...
...	17·316	−13·541	0·70	...	...
*	17·215	+ 9·891	1·00	...	...
...	17·208	+ 2·832	− 2	...	...
...	17·116	− 0·240	0·65	a	...
...	−17·108	− 9·792	− 3	...	...
...	16·980	−38·542	− 3	...	...
*	16·887	+58·615	1·15	...	...
S *	16·773	−34·358	1·90	43.8473	8·8
...	16·745	+16·990	− 1	...	...
581					
...	−16·717	+17·771	− 5	...	...
...	16·554	−41·615	− 4	...	...
...	16·497	+17·927	− 3	...	...
...	16·246	+33·072	− 1	...	...
...	16·236	+ 8·927	− 4	...	...
...	−16·227	+35·977	− 4	...	...
*	16·156	+41·314	1·05	...	...
...	16·132	−10·854	− 1	...	...
...	16·115	+11·826	− 3	...	...
...	16·053	+ 1·788	− 5	...	...
591					
...	−15·744	+36·579	− 5	...	...
†	15·693	−59·766	− 4	...	...
...	15·442	−10·513	0·70	...	...
...	15·203	−11·925	− 2	...	...
...	15·181	− 2·502	− 3	...	...
...	−15·134	−13·600	− 4	M	...
...	15·037	− 6·385	0·80	...	...
†	14·933	+17·799	1·00	...	...
†	14·889	− 9·570	− 2	...	...
...	14·737	− 7·190	0·85	...	...

601-660

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −z.	C.P.D. No.	C.P.D. Mag.
601					
...	−14·422	+31·650	− 1	...	...
...	14·357	−12·560	− 1	.	..
...	14·352	−35·703	0·7	...	.
*	14·265	+36·034	1·10	..	...
...	14·094	+37·330	0·95		...
...	−14·044	+ 9·184	− 2	.	...
...	14·032	−31·159	− 5	...	...
...	13·923	+51·382	− 4	...	...
..	13·916	+14·235	0·65	..	...
...	13·854	+54·745	− 5	...	...
611					
*	−13·833	+35·479	1·80	42.8328	9·4
...	13·784	+57·786	1·20	...	..
...	13·747	−47·103	− 5	...	...
...	13·744	−14·343	0·80	...	...
...	13·736	+36·933	− 5	...	...
*	−13·726	−14·737	1·05	43.8474	10·0
...	13·696	+22·255	− 5	...	...
...	13·625	− 7·858	0·95	...	...
...	13·516	−21·207	− 5	M	...
...	13·463	+17·944	− 4	..	...
621					
*	−13·421	− 5·851	1·00	43.8475	10·0
...	13·406	+12·488	− 4	...	...
...	13·252	+ 9·376	0·65	...	...
...	13·141	+45·906	0·95	...	...
...	13·009	+ 3·433	− 5	...	...
...	−12·736	−11·884	0·90	...	...
....	12·729	+33·323	− 3	...	...
...	12·539	+30·600	− 5	M	...
...	12·460	− 0·182	− 5	M	...
...	12·434	−22·285	− 3	...	...
631					
...	−12·375	−20·425	0·75	...	...
...	12·260	+50·126	− 1	...	...
...	12·186	+37·738	− 2	...	...
...	12·001	+ 2·830	− 3	...	...
...	11·933	−14·190	− 3	...	...
...	−11·907	−27·468	− 4	...	...
...	11·786	− 0·640	− 5	M	...
...	11·561	+10·654	− 3	...	...
...	11·512	+39·161	− 4	...	...
...	11·477	− 2·951	− 5	M	...
641					
...	−11·449	+30·289	− 2	...	...
...	11·352	+13·146	− 3	...	...
...	11·302	+53·328	− 5	...	...
*	11·292	+58·159	1·40	...	...
...	11·173	+36·194	− 5	...	...
...	−11·109	+27·580	− 5	...	...
†	11·048	−59·764	− 3	...	...
‡	11·014	+39·912	1·00	...	...
...	10·819	+33·137	− 5	...	...
*	10·819	+31·688	1·05	...	...
651					
...	−10·795	+ 4·749	0·65	...	...
...	10·663	−56·491	− 4	...	...
...	10·504	+18·705	− 5	...	...
...	10·482	+ 4·530	− 4	...	...
...	10·465	+27·379	− 3	...	...
...	−10·414	+21·331	− 3	...	...
...	10·344	+43·137	− 3	...	...
...	10·254	−36·514	0·75	...	...
...	10·127	+30·134	0·75	...	...
...	10·106	+17·254	0·65	...	...

661-720

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
661					
...	− 9·785	+20·973	0·90	...	...
...	9·721	−49·192	− 5	M	...
..	9·681	+41·208	− 4	...	...
...	9·639	−39·290	− 4	..	...
...	9·593	+41·011	− 4	...	...
..	− 9·520	+48·188	− 4	...	...
...	9·495	+50·115	− 5	...	...
...	9·434	−30·177	0·85	...	...
...	9·359	+ 3·337	− 4	...	...
...	9·289	+29·251	0·85	...	...
671					
...	− 9·260	− 7·884	0·75	43.8476	10·1
...	9·197	+ 2·256	− 5	...	...
...	9·187	+24·740	0·65	...	...
...	9·175	+51·089	− 2	...	...
...	9·152	−18·579	− 4	...	...
...	− 8·860	+22·620	− 5	..	..
*	8·783	+22·359	1·10	...	...
...	8·724	+11·995	− 2	.	...
...	8·717	+21·605	− 5	...	...
...	8·598	+18·279	− 3	...	...
681					
...	− 8·566	+27·165	0·80	...	...
...	8·508	+11·225	0·65	...	...
...	8·393	−55·475	− 2	...	...
...	8·351	− 0·078	− 4	a	...
*	8·193	− 0·307	1·10	43.8477	9·5
...	− 8·024	− 8·522	− 5	...	...
...	7·922	+21·275	0·65	...	...
...	7·905	+ 9·615	− 3	...	...
...	7·878	− 9·835	− 5	M	...
...	7·816	− 0·387	0·70	...	...
691					
...	− 7·754	+29·360	− 4	...	...
...	7·748	− 9·044	− 4	...	...
...	7·680	+31·323	− 4	...	...
...	7·680	+14·789	− 5	...	...
*	7·664	−56·460	1·95	43.8478	8·9
...	− 7·136	−13·350	− 4	...	...
...	7·093	− 6·319	− 5	M	...
*	7·065	− 7·664	1·10	43.8479	9·6
...	7·017	+31·376	− 1	...	...
...	7·012	+ 8·773	0·80	...	...
701					
...	− 6·790	+35·623	− 5	...	...
...	6·556	−22·522	− 4	M	...
...	6·397	+13·076	0·70	...	...
...	6·362	− 4·110	− 5	M	...
...	6·337	+34·632	− 5	...	...
...	− 6·286	+ 3·391	− 5	...	...
...	6·080	+35·146	− 5	...	...
...	5·985	− 8·685	0·70	...	...
†	5·949	−14·942	− 4	...	...
...	5·930	+37·696	0·70	...	...
711					
...	− 5·798	+47·336	− 5	...	...
...	5·761	−12·417	0·70	...	...
...	5·693	−21·620	− 3	...	...
...	5·504	− 2·778	− 4	M	...
...	5·481	−51·874	0·95	...	...
...	− 5·465	+31·278	− 5	...	...
...	5·324	−15·050	− 4	M	...
...	5·236	−48·164	− 3	...	...
*	5·043	−30·569	1·00	...	...
†	5·001	− 0·674	0·70	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
721–780					
721					
†	− 4·887	−11·446	0·90	...	...
‡	4·879	+20·332	3·00	42.8329	7·6
†	4·865	−46·232	− 5	..	..
...	4·823	+14·572	0·90	...	...
...	4·798	+18·197	0·65	...	..
...	− 4·756	+13·172	− 2	.	...
...	4·703	−12·992	0·85	...	...
*	4·698	+13·552	1·10	...	.
.	4·682	+13·705	− 5	M	...
...	4·643	+38·048	− 5	...	...
731					
S *	− 4·631	− 6·100	2·95	43.8480	7·6
.	4·582	+30·616	− 5	M	...
..	4·536	+54·130	1·10	42.8330	9·8
...	4·509	+27·929	− 2	..	...
...	4·397	+ 3·943	− 3	...	...
...	− 4·287	+42·493	− 5	...	...
*	4·139	+17·451	1·80	42.8331	9·2
†	4·097	+19·976	− 4	m	...
*	4·087	+52·681	2·10	42.8332	8·8
...	3·955	+ 9·562	0·85	...	...
741					
S *	− 3·937	+15·824	2·00	42.8333	9·2
*	3·916	+21·394	1·15	...	...
...	3·799	+27·897	− 2	...	...
*	3·546	−40·953	1·10	43.8481	9·6
	3·401	−47·783	− 1	...	...
...	− 3·301	+51·056	2·90	...	..
	3·296	− 0·137	− 4	M m	...
.	3·287	+22·236	− 5	m	..
	3·192	+25·484	0·90	...	...
...	3·181	−58·507	− 5	...	...
751					
*	− 3·171	−59·168	1·50	43.8482	9·3
...	3·127	−53·256	− 3	...	...
.	3·054	+ 0·489	0·85	a m	..
..	2·927	−21·119	− 3	...	..
...	2·829	−57·683	0·65	...	...
	− 2·811	−32·255	− 5	M m	..
	2·688	−23·853	− 2	...	..
...	2·662	+51·432	− 5	...	...
..	2·662	−53·490	− 5	...	...
..	2·614	+22·172	− 3	...	..
761					
...	− 2·570	−58·423	− 5	M m	.
...	2·518	−59·109	− 2	...	..
..	2·511	+19·634	− 5	m	...
..	2·441	+30·070	− 1	..	...
..	2·411	−13·090	− 5	M m	...
...	− 2·378	−19·983	− 5	M m	..
...	2·249	+ 7·247	− 5	M m	...
...	2·217	−35·660	− 5	M m	...
*	2·132	+11·860	1·20	42.8334	9·8
...	2·038	+56·147	− 4	...	...
771					
...	1·921	+29·209	− 5	m	...
*	1·892	−32·257	1·00	43.8483	10·0
...	1·857	+21·715	0·90	..	...
	1·688	+15·751	− 5	M m	...
*	1·681	− 1·930	1·10	43.8484	9·8
..	− 1·648	+36·808	1·00	...	...
...	1·587	− 6·917	− 4	M	...
...	1·488	+20·348	− 5	m	...
.	1·488	+ 5·032	− 1	A m	...
*	1·470	+16·923	1·05	...	..
781–840					
781					
...	− 1·405	−47·719	0·90	...	...
...	1·329	+ 6·008	0·90	...	...
..	1·187	+53·427	1·00	...	..
...	1·129	+ 5·355	− 4	M m	...
...	0·959	−22·846	− 5	M m	...
...	− 0·929	+17·241	0·90	..	...
*	0·802	−15·270	1·00	...	...
..	0·782	− 9·089	− 5	M m	..
..	0·627	+36·625	− 5	...	...
*	0·533	+16·558	1·05	...	..
791					
...	− 0·524	+18·609	0·75	...	...
*	0·482	−33·168	0·95	...	...
...	0·335	−14·339	− 5	M m	...
*	0·317	+ 1·507	1·05	42.8335	9·8
..	0·248	+37·045	− 5	...	...
*	− 0·227	+32·962	1·10	...	...
†	0·046	+ 4·029	− 1	...	..
†	− 0·018	−16·566	− 2	...	...
†	+ 0·036	−35·729	− 3	...	...
†	0·087	−21·740	− 4	m	...
801					
†	+ 0·096	− 3·844	− 5	M m	...
†	0·124	−49·061	− 4	...	...
..	0·170	−38·671	− 3	...	.
..	0·184	− 2·884	− 5	M m	.
...	0·233	− 4·779	− 5	M m	...
...	+ 0·299	−34·479	− 4	m	...
..	0·352	−38·671	− 5	M	...
..	0·563	+ 6·333	0·65	...	.
...	0·567	+14·886	− 5	m	..
...	0·651	− 5·052	0·70	...	..
811					
...	+ 0·664	−35·641	− 5	M m	...
...	0·676	+34·218	0·95	...	...
...	0·678	− 5·318	− 4	M m	..
...	0·756	−56·527	− 4	...	...
...	0·873	+17·176	− 5	m	...
..	+ 0·896	−19·587	− 2	...	...
...	0·941	+17·564	− 5	m	...
*	0·943	−39·572	1·85	43.8485	9·0
..	0·975	+53·736	− 5	...	...
...	1·008	+ 8·135	− 2	...	...
821					
*	+ 1·083	− 2·495	1·90	43.8487	8·9
*	1·136	−27·281	2·00	43.8486	8·8
...	1·207	+11·665	− 5	m	...
...	1·280	+37·313	− 4	...	...
*	1·311	−46·139	1·10	43.8488	9·6
†	+ 1·348	−54·821	− 5	M	...
...	1·435	+50·192	− 5	...	...
...	1·446	−31·385	0·80	...	..
...	1·449	+36·386	− 5	...	...
*	1·459	−44·250	1·00	43.8489	9·8
831					
...	+ 1·516	+16·469	− 2	...	...
...	1·596	+27·910	0·65	...	...
...	1·661	+25·370	− 3	...	..
...	1·663	−46·466	0·65	...	..
...	1·739	+31·697	− 5	...	..
...	+ 1·760	−18·628	− 5	M m	...
..	1·768	− 9·575	0·95	43.8490	10·0
...	1·774	−16·329	0·65	..	...
...	1·864	− 4·394	− 3	A m	...
‡	1·887	− 9·802	1·40	43.8491	9·6
841 900					
841					
...	+ 1·936	+30·639	− 3	...	...
...	2·031	+53·212	− 2	...	...
*	2·084	+47·657	1·40	...	...
...	2·194	−31·663	− 5	M m	...
...	2·351	−47·333	− 5	...	...
...	+ 2·523	−24·513	− 5	M m	...
...	2·575	−36·796	0·75	..	...
..	2·580	+29·748	− 3	...	...
...	2·598	+25·389	0·75	...	...
...	2·620	+ 5·756	0·90	..	...
851					
...	+ 2·685	−15·661	0·85	...	...
...	2·692	−10·695	0·65	..	...
...	2·700	−14·494	− 2	...	...
...	2·728	− 8·504	− 1	B	..
...	2·853	− 2·214	− 5	M m	...
..	+ 3·095	−26·205	− 4	...	...
..	3·167	−40·791	0·65	...	..
...	3·178	+27·672	− 5	..	...
..	3·188	−18·306	− 3	..	...
...	3·293	−32·584	− 3	...	...
861					
...	+ 3·337	+30·633	− 4	...	..
*	3·341	+ 3·273	1·70	42.8336	9·4
...	3·403	+48·848	0·65	...	..
..	3·408	−32·395	− 5	M	...
...	3·461	+46·877	− 4	...	...
..	+ 3·707	−59·331	− 4	...	...
...	3·734	−34·179	− 5	M m	...
...	4·121	−33·360	0·90	...	...
...	4·122	+14·592	0·70	...	...
†	4·141	+39·866	− 1	..	..
871					
*	+ 4·144	+22·427	1·20	...	...
†	4·179	+50·003	0·75	...	...
*	4·247	+37·474	1·05	42.8337	9·8
...	4·281	− 5·387	0·65	...	..
...	4·339	− 0·702	− 5	M m	...
...	+ 4·350	−27·289	− 5	M m	...
...	4·372	−25·116	− 5	...	...
...	4·389	+ 9·318	− 5	...	...
..	4·397	−30·825	− 5	...	...
..	4·487	− 3·488	0·70	...	...
881					
...	+ 4·580	+14·893	0·70	...	...
...	4·584	−17·705	− 4	M	...
...	4·652	−11·021	− 4	...	...
...	4·723	− 3·225	− 5	M m	...
a m	4·818	+ 0·140	1·00	43.8492	10·0
...	+ 4·825	−35·767	0·80	...	...
...	4·846	+47·072	− 5	...	...
†	4·978	+13·351	0·65	...	...
†	5·079	−25·490	− 4	...	...
...	5·082	−13·378	− 5	M	...
891					
...	+ 5·098	−22·327	− 3	...	...
...	5·156	−40·384	− 3	...	...
...	5·213	−58·146	− 1	...	...
.	5·222	+34·295	1·00	...	...
...	5·237	+ 1·141	− 3	...	...
...	+ 5·446	−13·963	− 3	...	...
...	5·535	−52·275	− 4	...	...
...	5·539	−56·259	− 1	...	...
*	5·594	+35·661	1·00	...	...
...	5·769	+26·635	− 2	...	...

901–960

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′	″	″	No.	Mag.
901					
...	+ 5·987	− 5·291	0·75	...	...
...	6·066	+18·802	− 3	...	...
...	6·10[illegible]	+30·742	− 5	...	...
...	6·116	− 3·270	− 5	*m*	...
...	6·116	−46·769	− 3	...	...
..	+ 6·129	+26·280	− 5	...	...
...	6·133	+17·689	− 4	...	...
...	6·162	+26·346	− 5	*m*	...
...	6·172	−36·063	− 5	*m*	...
...	6·181	+ 8·923	− 5	*m*	...
911					
...	+ 6·237	+17·443	5	*m*	...
...	6·310	+34·511	− 3	...	...
...	6·351	+17·331	− 5	...	...
...	6·450	+15·746	− 1	...	...
...	6·511	+26·502	0·75	...	...
...	+ 6·595	+52·179	0·95	...	...
...	6·671	− 0·96[illegible]	− 5	*m*	...
†	6·704	−24·815	0·85	...	...
...	6·783	+42·190	− 5	...	...
...	6·826	−36·028	0·85	...	...
921					
...	+ 6·897	−14·698	− 4	*m*	...
...	6·943	−52·098	− 1	...	...
...	7·027	−52·912	− 5	*m*	...
...	7·073	−16·822	− 5	*m*	...
...	7·123	−19·239	− 5	*m*	...
...	+ 7·156	−25·618	− 5	*m*	...
...	7·170	+ 6·210	− 5	*m*	...
...	7·197	+56·602	1·05	...	...
...	7·214	−17·730	− 4	...	...
*	7·222	+20·679	1·05	...	...
931					
...	+ 7·574	+26·423	0·75	...	...
...	7·621	+22·492	− 4	...	...
...	7·626	−18·993	− 4	...	...
...	7·650	−49·494	− 2	...	...
*	7·751	+46·134	1·15	...	...
*	+ 7·760	+ 6·646	1·15	...	...
...	7·864	+30·968	− 5	*m*	...
...	7·924	+19·145	− 1	...	...
...	7·928	−51·600	− 3	...	...
...	7·986	− 3·847	1·00	...	...
941					
...	+ 8·093	− 8·911	0·90	..	..
...	8·180	+16·766	− 1	...	
...	8·204	+13·569	0·90		
...	8·222	+34·343	− 2	...	...
...	8·229	+38·694	− 1	..	...
...	+ 8·558	+57·567	0·65	...	.
...	8·566	+16·588	− 5	*m*	...
...	8·602	−58·154	− 5	...	...
...	8·635	+30·198	0·75	..	..
...	8·731	−56·451	− 5	...	...
951					
*	+ 8·756	+14·577	1·10	42.8338	9·6
...	8·781	+20·162	− 4	...	...
...	8·859	−36·886	− 5	*m*	...
‡	8·872	+34·948	2·00	42.8339	8·4
...	9·036	− 2·449	− 5	*m*	.
...	+ 9·068	+38·262	0·95	...	...
...	9·173	−14·111	− 5	*m*	...
...	9·200	−29·187	0·65	...	...
...	9·211	−26·570	− 5	*m*	..
...	9·230	+14·471	− 5	*m*	...

961–1020

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′	″	″	No.	Mag.
961					
...	+ 9·327	−16·567	− 5	...	.
...	9·598	[illegible]	− 5	...	...
	9·620	−15·179	[illegible]	...	...
	9·631	+23·174	− 3	.	...
	9·646	−38·017	− 3	.	..
...	+ 9·739	[illegible]	− 5	...	...
	9·794	+13·866	− 5	...	...
S	9·802	+41·398	2·50	42.8340	8·0
	9·945	−42·799	− 3	...	...
†	9·986	+55·188	− 5	...	...
971					
†	+ 9·997	−56·518	1·05	43.8493	9·8
†	10·084	−42·646	0·95	..	...
...	10·086	+19·889	− 3	...	...
†	10·089	−24·674	− 5	*m*	...
...	10·398	−56·610	− 5	...	...
...	+10·487	− [illegible]	− 4	*m*	...
..	10·544	−25·045	− 5	*m*	...
...	10·607	− 1·06[illegible]	− 4	*m*	...
*	10·742	−11·161	0·90	...	...
...	10·918	−39·084	− 1	..	...
981					
...	+10·948	−11·644	0·65	...	...
...	11·069	− 9·359	− 5	*m*	...
*	11·107	+56·695	1·05	...	...
...	11·111	−25·165	− 5	*m*	...
...	11·157	− 3·758	− 3	*a*	...
...	+11·173	+ 0·747	− 5	*m*	...
...	11·179	+10·630	− 5	*m*	...
...	11·454	+26·037	− 2	...	...
...	11·679	+ 8·464	− 4	...	...
...	11·689	−57·153	0·95	...	...
991					
...	+11·712	−39·148	− 5	*m*	...
...	11·760	+24·597	− 4	...	...
...	11·836	+30·407	− 5	...	...
...	12·044	+36·352	− 5	...	...
...	12·082	− 4·298	− 5	*m*	...
...	+12·165	−11·839	− 5	*m*	...
...	12·205	+13·956	− 3	...	...
‡	12·226	+45·078	1·70	42.8341	9·4
...	12·261	+11·620	− 3	...	...
...	12·378	+47·685	0·95	...	...
1001					
...	+12·564	−41·689	− 5	*m*	...
...	12·586	+42·415	− 5	...	...
...	12·634	−42·417	− 5	...	...
...	12·669	−32·036	− 4	...	...
...	12·731	−23·080	0·65	...	...
...	+12·805	−23·361	− 5	*m*	...
...	12·867	−45·429	− 5	...	...
...	12·950	−43·372	− 5	...	...
...	12·964	+27·021	− 5	...	...
...	13·039	− 6·385	− 5	*m*	...
1011					
...	+13·069	−13·270	− 3	...	...
...	13·108	−38·466	− 3	...	...
...	13·169	−49·239	− 4	*m*	...
...	13·234	+23·300	− 3	...	...
...	13·337	+42·952	− 5	...	...
...	+13·340	− 0·785	5	...	...
...	13·387	−17·154	− 2	...	...
...	13·436	+18·481	0·80	...	...
...	13·469	+39·532	− 5	...	...
...	13·646	+53·564	− 4	...	...

1021–1080

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′	″	″	No.	Mag.
1021					
...	+13·694	+38·967	0·90	...	...
...	13·[illegible]	−26·847	− 4	..	...
...	13·862	−16·575	0·85	...	...
...	13·[illegible]	+56·[illegible]	− 4	...	...
...	13·[illegible]	+27·325	0·90	...	...
...	+14·008	+20·806	− 4	...	...
...	14·163	+53·292	− 4	...	...
...	14·367	−57·012	1·00	...	...
...	14·3[illegible]	+23·772	− 4	...	...
...	14·456	− 8·[illegible]	− 3	...	...
1031					
...	+14·514	−13·952	− 4	...	...
...	14·685	−25·250	− 5	*m*	...
...	14·7[illegible]	−26·656	− 5	*m*	..
...	14·781	−40·500	1·00	...	...
†	14·970	−40·181	− 4	...	...
†	+15·026	+ 8·755	− 3	...	...
...	15·210	−27·795	0·75	...	...
...	15·326	+59·536	− 2	..	...
...	15·368	− 34·526	− 5	*m*	...
*	15·524	−12·753	0·95	43.8494	10·0
1041					
...	+15·554	−22·136	0·70	...	...
...	15·623	−47·964	− 2	...	...
...	15·669	−11·206	− 5	*m*	...
...	15·672	−16·791	− 4	...	...
...	15·775	−22·896	− 4	...	...
...	+15·780	− 3·923	− 5	*m*	...
...	15·791	+23·033	− 4	...	...
*	15·807	+43·106	1·10	42.8342	9·8
...	15·924	−37·805	− 4	...	...
...	15·937	−10·525	− 5	*m*	...
1051					
*	+15·954	− 30·607	1·05	43.8495	9·6
...	16·043	+22·398	− 3	...	...
...	16·207	− 3·974	0·95	...	...
...	16·321	+36·696	0·75	...	...
...	16·340	+ 1·627	0·95	...	..
...	+16·626	−25·674	0·65	...	...
*	16·695	−12·566	1·05	43.8496	9·6
...	16·712	− 6·914	− 5	*m*	...
...	16·723	+31·432	− 5	...	...
...	16·816	+ 1·623	0·95	...	...
1061					
...	+16·966	+25·335	− 4	...	...
...	16·986	−40·079	− 5	*m*	...
...	17·369	+46·419	− 1	...	...
S *	17·479	−13·771	2·90	43.8497	7·8
...	17·552	+52·139	− 4	...	...
...	+17·766	+14·857	− 5	...	...
...	17·790	−23·323	− 1	...	...
...	17·828	−35·859	− 4	...	...
...	17·909	−50·139	− 5	...	...
...	18·012	−36·691	− 5	...	...
1071					
...	+18·351	+25·237	0·85	...	...
...	18·384	−57·739	0·95	...	...
*	18·430	−31·801	1·05	43.8498	9·6
...	18·521	+29·196	− 5	...	...
*	18·606	−28·128	1·10	43.8499	9·6
...	+18·659	−31·452	− 5	*m*	...
...	18·718	− 6·436	− 3	...	...
...	18·736	−17·257	− 2	...	...
...	18·797	+10·969	− 5	*m*	...
...	18·926	−18·095	0·65	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1081 1140					
1081					
S *	+19·037	−45·982	2·25	43.8500	8·1
.	19·216	−31·148	− 5	m	...
..	19·243	+43·653	− 4	...	...
...	19·053	− 6·650	0·90	...	...
...	19·299	+25·136	0·70	..	...
...	+19·299	−53·319	1·00	...	...
*	19·359	−25·096	1·10	43.8501	9·6
...	19·442	+18·213	− 2	...	...
..	19·481	−55·011	− 3	a	...
...	19·482	+39·054	0·65	...	...
1091					
.	+19·616	−16·442	− 4	...	...
...	19·618	+19·352	− 5	...	...
†	19·844	+54·673	− 3	...	...
†	19·926	+31·041	1·00	...	...
...	20·030	+12·855	− 4		...
†	+20·058	−43·624	− 5	...	...
†	20·067	−30·327	0·75	...	...
...	20·068	+36·839	1·00	...	...
*	20·110	+24·031	1·85	42.8343	9·6
...	20·136	− 0·951	− 4	m	...
1101					
...	+20·204	−32·209	− 4	...	.
...	20·327	+43·724	− 3	...	...
...	20·377	−42·621	− 3	...	...
*	20·450	−57·116	1·20	43.8502	9·5
...	20·500	− 4·172	− 4	m	...
...	+20·708	+28·053	− 5	m	...
...	20·725	− 6·570	− 5	m	...
...	20·766	+ 9·491	− 3	...	...
...	20·884	−35·832	0·80	...	...
...	20·902	−57·751	0·90	43.8503	10·1
1111					
*	+20·903	−26·575	0·95	...	...
...	20·918	+16·496	− 1	...	...
...	21·192	+ 1·864	0·80	...	...
...	21·247	− 7·210	− 4	...	...
...	21·365	+55·725	− 5	...	...
...	+21·545	− 0·405	− 4	m	...
...	21·581	+45·559	− 1	..	..
..	21·667	−16·827	− 4	...	..
...	21·692	+59·233	− 5	...	...
...	21·709	−20·306	− 3	...	...
1121					
.	+21·756	+26·868	− 5	...	...
.	21·787	−30·027	− 4	m	...
...	22·031	+36·611	− 5	.	...
	22·065	−41·679	0·70	..	...
...	22·085	−34·357	− 5	m	..
	+22·103	−20·215	− 4	m	..
	22·177	+54·535	− 5	...	...
.	22·301	− 0·545	− 4	...	..
...	22·403	+26·096	− 4	...	..
...	22·462	−34·961	− 5	..	...
1131					
	+22·516	−37·611	− 5	m	...
*	22·570	+23·338	1·25		.
	22·582	+23·504	− 3	...	...
*	22·679	− 7·103	1·00	43.8504	9·6
*	22·707	−42·071	1·40	43.8505	9·6
	+22·811	+42·276	− 4	...	...
	22·888	−17·[illegible]	− 5	m	...
	22·889	−46·630	− 5	m	...
...	23·127	−11·12[illegible]	− 4	...	.
*	23·127	−10·812	3·00	43.8507	8·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1141-1200					
1141					
...	+23·141	−23·726	− 1	..	...
...	23·147	+32·971	− 5	.	...
*	23·238	−36·09[illegible]	1·00	43.8506	10·1
.	23·358	+31·612	0·80	...	...
	23·453	−28·576	− 5	m	...
...	+23·458	−29·302	− 5	m	...
.	23·634	+55·660	− 5	...	...
...	23·727	+35·624	− 4	...	...
.	23·806	+35·475	− 5	...	...
...	23·813	−13·95[illegible]	0·65	...	...
1151					
*	+23·820	−44·205	1·40	43.8508	9·4
...	24·014	+29·100	− 3	...	...
...	24·034	− 1·531	− 5	m	...
...	24·104	+42·480	0·80	...	...
N	24·135	− 7·817	− 4	...	...
†	+24·312	+39·923	1·00	...	..
...	24·422	+ 7·416	− 5	...	...
...	24·519	−29·655	− 4	m	...
...	24·534	−52·609	− 5	m	...
...	24·559	+10·975	− 4	...	...
1161					
...	+24·660	+29·086	− 5	...	...
...	24·687	− 9·231	− 5	m	...
†	24·855	+18·194	− 5	...	...
†	24·989	−37·807	− 4	...	
†	25·039	−29·435	0·85	...	
...	+25·118	+37·363	− 5	...	...
...	25·144	−43·587	− 3	...	...
†	25·262	−44·797	− 4	..	...
...	25·373	−50·059	− 5	m	...
...	25·522	−23·423	0·75	...	...
1171					
...	+25·614	−45·275	− 4	...	...
...	25·722	−53·814	1·00	43.8509	10·1
...	25·741	+48·956	− 3	...	...
...	25·886	+23·722	− 5	..	...
...	25·934	+15·232	− 3	...	...
...	+25·969	−51·057	1·05	43.8510	10·0
...	25·976	+28·235	− 5	...	...
...	26·224	−33·492	− 5	m	..
...	26·259	−31·294	− 5	m	
...	26·273	−24·692	− 3	..	...
1181					
...	+26·307	+37·911	− 4	...	.
...	26·319	+18·572	− 2	...	..
...	26·325	+13·151	− 5	.	
..	26·503	+28·541	− 5		.
...	26·529	+31·321	− 2		..
*	+26·589	+ 9·24[illegible]	1·00		.
...	26·657	+13·829	− 4	..	
...	26·674	−55·57[illegible]	− 4		...
...	26·703	−18·970	− 4		.
...	26·821	+26·879	0·80	..	...
1191					
.	+26·892	−12·195	0·85	...	...
.	26·912	+53·[illegible]	0·95		
...	26·923	−19·544	− 4	...	
...	26·936	+57·042	0·95	...	...
	27·202	−24·558	− 5		...
	+27·217	+15·[illegible]	− 3	...	
	27·[illegible]	[illegible]	[illegible]		
*	27·756	[illegible]	1·10		.
	27·800	− 4·[illegible]	1·[illegible]	43.8511	9·6
	27·801	−20·458	− 5	m	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1201-1260					
1201					
.	+28·108	+32·296	− 5	..	...
	28·141	−23·688	− 3	...	...
	28·287	−11·472	− 2	...	...
..	28·438	+20·755	− 3	...	...
	28·638	+51·880	− 4	..	...
	+28·729	+ 9·220	− 3	...	...
	28·839	+38·889	0·95	...	...
	28·857	+31·764	− 5	..	..
...	28·886	−39·940	0·90	...	..
...	28·912	−32·051	0·65	...	...
1211					
...	+28·934	−41·642	− 5	...	...
...	28·999	+27·606	− 5	...	...
...	29·062	41·717	− 5	...	...
*	29·136	− 3·607	0·90	43.8512	10·1
..	29·139	+19·035	− 2	...	...
...	+29·196	−29·015	0·75	...	...
...	29·347	+50·806	− 4	...	...
..	29·420	−43·082	− 5	..	..
†	29·421	+ 5·127	1·00	...	...
...	29·432	−48·544	0·90	...	...
1221					
...	+29·530	−42·541	− 5	m	...
...	29·579	− 4·992	− 3	...	...
...	29·717	+21·235	− 4	...	...
†	29·984	− 4·299	− 4	...	...
...	29·993	+56·044	− 5	m	...
...	+30·060	+17·215	− 2	...	...
..	30·092	−44·254	− 4	...	...
*	30·133	−25·733	1·20	43.8513	9·5
...	30·145	+ 5·672	− 4	m	...
...	30·153	+19·097	− 4	...	...
1231					
...	+30·189	− 8·256	− 5	m	..
...	30·222	−20·816	1·00	...	...
...	30·329	+13·361	0·70	...	...
...	30·404	−58·147	− 5	m	...
S *	30·414	+19·398	2·20	42.8344	8·4
...	+30·417	−27·588	− 4	...	...
...	30·434	+17·247	− 5	m	.
...	30·442	+31·081	− 5	...	...
...	30·452	+38·364	− 4	...	...
...	30·614	−41·944	− 5	m	...
1241					
...	+30·785	+50·992	− 2	...	...
...	30·799	+52·323	1·00	...	...
	30·812	−13·420	− 5	m	...
.	30·820	− 1·735	− 5	m	...
...	30·848	+34·[illegible]4	− 5	...	...
.	+30·989	− 0·864	0·65	...	...
...	31·011	− 3·612	− 5	m	...
*	31·030	+12·042	2·00	42.8345	9·0
...	31·[illegible]61	− 9·993	0·65	...	...
...	31·071	+18·119	0·95	...	...
1251					
...	+31·11[illegible]	+27·712	− 5	...	...
	31·138	+35·535	− 5	...	.
	31·438	+ 0·273	− 5	m	.
.	31·46[illegible]	−57·538	− 5	...	..
*	31·567	+13·371	1·15	.	..
...	+31·633	+ 2·373	− 5	.	.
	31·688	−42·341	1·00		.
.	31·[illegible]	+15·378	− 3	.	.
...	31·759	−15·185	− 4	.	...
...	31·802	−33·084	− 5	m	...

1261–1320

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
1261					
...	+31·886	+50·073	− 5	...	...
..	31·93[illegible]	+47·093	− 5	...	...
...	31·944	+13·853	− 5		
...	32·217	− 3·687	− 5	*m*	.
...	32·440	−24·501	0·80	.	
..	+32·448	+ 8·669	− 3	...	...
.	32·483	−18·204	− 4	...	
..	32·495	+17·716	− 4		
...	32·520	+39·425	1·00	.	
...	32·531	+58·379	− 5	.	
1271					
...	+32·614	+44·613	− 5	.	
...	32·634	+16·731	− 5	...	...
...	32·682	−39·410	− 4	..	
..	32·813	+26·962	− 4	...	..
...	32·916	+ 8·401	0·75	...	...
.	+32·943	−47·362	− 5	*m*	...
...	32·950	+31·008	− 4	...	...
...	32·972	−33·335	− 4	..	...
.	33·071	+19·738	− 5	.	...
...	33·107	− 8·435	− 4	...	...
1281					
...	+33·118	−23·396	0·65	...	...
...	33·149	+14·437	− 4	...	...
...	33·221	+37·021	− 4	...	...
...	33·645	+17·897	− 5	...	...
...	33·649	+41·544	− 5	...	..
...	+33·679	−58·313	− 4	...	...
...	33·733	−14·148	− 4	...	...
...	33·957	−38·627	− 5	*m*	...
...	33·971	+10·711	− 5	...	...
...	33·988	+ 8·639	− 4	...	...
1291					
*	+34·063	−13·119	1·05	43.8514	10·0
...	34·205	− 7·757	0·85	...	...
...	34·300	−48·625	− 3	...	...
...	34·309	−25·948	5	...	...
...	34·339	−16·788	− 4	...	...
...	+34·368	+16·254	− 3	...	...
...	34·678	−59·030	5	...	...
...	35·021	+ 8·332	− 5	...	...
...	35·024	+57·678	− 5	...	...
*	35·051	−26·685	1·00	43.8515	9·8
1301					
...	+35·162	−19·390	0·95	...	..
...	35·168	−26·105	− 3	...	...
...	35·222	+21·225	− 5	...	...
...	35·248	−19·048	− 5	*m*	..
...	35·301	+28·384	− 4	...	...
...	+35·381	+17·930	− 5	...	...
*	35·530	−22·351	0·95	...	...
...	35·544	−46·847	− 5	*m*	..
..	35·756	− 3·550	− 4	*m*	...
...	35·841	+31·293	− 4	...	...
1311					
...	+36·120	−12·457	0·80	...	...
*	36·124	−41·957	1·00	43.8516	10·1
...	36·230	+37·867	− 4	...	...
†	36·261	−19·882	0·90	...	...
*	36·275	− 3·682	1·10	43.8517	9·6
...	+36·399	− 5·327	− 5	*m*	...
*	36·539	+15·303	1·05	...	...
...	36·562	−30·969	− 4	...	...
...	36·574	+19·244	− 3	...	..
...	36·624	+44·066	− 5	...	...

1321–1380

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
1321					
...	+36·693	−13·73[illegible]	− 5	...	..
.	36·694	+43·445	− 1		
...	36·706	+19·596	− 2		
...	36·721	−51·465	− 4	...	...
.	36·726	−40·060	− 2	.	
	+36·743	+22·420	− 4	..	
	36·843	+3[illegible]·851	0·90	...	
...	36·877	+20·954	− 5		...
..	36·954	+19·935	0·85	..	
...	37·052	+21·053	− 5	...	..
1331					
†	+37·19[illegible]	+39·972	− 4	...	.
...	37·215	+40·441	− 4	...	..
†	37·270	+ 0·143	0·75	*a*	..
...	37·271	+ 3·627	− 4	..	
...	37·311	−39·287	0·70	...	..
...	+37·320	−50·533	0·95	...	...
...	37·449	+30·589	0·95	...	..
*	37·555	+15·344	1·05	..	...
...	37·566	+21·682	− 1	...	...
...	37·583	+33·560	0·65	...	...
1341					
...	+37·650	+ 1·794	− 4	*m*	...
...	37·651	+34·648	1·00	...	..
...	37·805	− 7·288	− 2	...	...
...	37·844	−41·567	− 4	*a*	...
...	37·947	−12·771	− 4	...	...
...	+38·067	− 6·064	1·00	43.8518	10·0
...	38·080	+36·244	− 5	...	...
*	38·315	+29·107	1·05	...	...
...	38·418	−13·791	− 4	...	...
...	38·570	+56·413	0·90	.	...
1351					
...	+38·658	−45·201	− 4	..	...
...	38·738	+39·345	0·85	...	...
...	38·778	+26·056	− 5	...	...
...	38·791	−13·583	− 5	*m*	...
..	38·865	+48·016	− 1	...	...
...	+38·875	+16·390	− 5	...	..
...	39·012	+16·140	− 4	...	...
..	39·209	−27·883	− 5	...	..
..	39·366	−51·620	− 5	*m*	...
...	39·468	−30·888	− 4	...	...
1361					
...	+39·471	−41·619	− 5	*m*	...
...	39·505	−43·401	0·85	...	...
...	39·661	+29·919	− 5	...	...
*	39·694	−12·118	3·30	43.8519	7·3
...	39·706	− 8·268	− 5	*m*	...
...	+39·723	− 1·576	− 4	*m*	...
..	39·726	+ 0·234	0·85	...	...
..	39·740	+38·809	− 5	..	...
†	39·855	−28·361	− 1	..	...
...	40·313	+20·442	− 2	..	...
1371					
...	+40·450	+ 3·188	− 5	...	...
*	40·573	−32·849	1·10	43.8520	9·6
...	40·608	+20·308	− 4	...	...
†	40·638	−34·729	− 5	*m*	...
...	40·664	+23·400	0·95	...	..
...	+40·722	+20·901	0·70	..	...
...	40·736	+10·836	− 4	...	.
†	40·839	+59·920	− 5	.	...
...	40·877	−22·798	− 5	...	...
...	40·996	+45·715	− 5	...	...

1381–1440

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
1381					
...	+41·008	−26·169	0·95	43.8521	10·1
	41·175	+ 3·249	− 5	...	...
.	41·295	+46·977	− 2	...	...
...	41·377	+54·[illegible]97	− 4	...	...
	41·384	−29·355	− 5	*m*	...
...	+41·421	+4[illegible]·519	− 5	...	...
...	41·566	+46·512	− 5	..	..
...	41·675	−54·589	1·05	...	...
.	41·682	−10·364	0·70	...	...
...	41·713	−28·611	0·80	...	...
1391					
...	+41·787	−19·931	− 4	...	..
...	41·833	− 0·445	0·75	*a*	...
...	41·919	−44·665	− 5	...	..
...	41·994	−53·560	− 2	...	...
†	42·000	+55·029	− 5	...	...
...	+42·018	+25·663	− 4	...	..
*	42·025	−57·946	2·00	43.8522	8·9
...	42·035	−37·880	− 3	...	...
...	42·060	−23·412	0·80	...	...
...	42·186	+36·383	− 5	...	...
1401					
...	+42·233	−19·483	− 5	...	...
...	42·309	+42·173	− 3	...	...
...	42·319	+22·680	− 4	...	...
...	42·324	+19·627	− 5	...	...
*	42·606	−18·152	1·95	43.8523	9·0
...	+42·618	+56·616	− 5	...	...
...	42·775	+28·358	− 4	...	...
...	42·843	− 6·291	0·65	...	...
...	42·999	−42·680	− 5	...	...
...	43·013	+36·215	− 4	...	...
1411					
...	+43·032	−14·735	− 5	...	..
...	43·066	+ 1·312	0·95	...	...
...	43·070	− 4·770	− 3	...	...
...	43·074	−18·036	− 5	...	...
...	43·201	+26·701	0·85	...	...
...	+43·280	−15·055	0·90	...	...
*	43·466	+38·615	1·10	...	...
...	43·569	− 5·467	− 5	...	...
...	43·664	+13·828	1·00	...	...
...	43·670	−21·337	− 4	...	...
1421					
...	+43·689	+42·910	− 3	...	...
...	43·727	−30·682	− 5	*m*	.
.	43·992	− 7·020	− 1	...	...
...	44·097	+29·435	− 5	...	...
...	44·127	− 0·166	0·95	*a*	...
...	+44·159	−48·654	− 5	*m*	...
...	44·160	+53·399	− 3	...	...
...	44·209	+10·426	− 5	...	...
...	44·271	−13·070	0·70	...	...
...	44·317	+32·680	− 4	...	...
1431					
...	+44·530	+16·827	− 5	*m*	...
...	44·576	+ 1·378	0·85	...	...
...	44·641	−25·108	− 3	...	...
†	44·954	−40·233	1·00	43.8524	10·0
*	44·981	+24·455	1·05	...	...
...	+44·985	+20·636	0·90	...	...
...	45·041	−20·229	− 4	...	...
...	45·051	−27·493	− 3	...	...
...	45·114	− 5·026	− 4	...	...
...	45·129	−22·033	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1441–1500					
1441					
...	+45·169	+57·955	−4	...	...
...	45·182	−53·279	−1	...	...
...	45·324	−59·413	1·00	43.8525	10·1
...	45·386	−19·028	0·75	...	...
...	45·391	−48·794	−5	m	...
...	+45·394	−10·123	0·85	...	...
...	45·511	−48·355	0·65	...	...
...	45·530	+28·821	−4	...	...
...	45·755	− 2·551	−4	...	...
...	45·767	+28·550	−5	...	...
1451					
...	+45·780	−51·506	−3	...	...
...	45·891	−42·492	−2	...	...
...	45·996	+11·099	1·00	...	...
*	45·996	−45·633	1·10	43.8526	9·8
.	46·502	−52·683	−5	...	.
.	+46·514	+ 1·868	−5	m	
...	46·542	+21·848	−5	..	
..	46·607	+13·144	0·90	...	.
...	46·731	+ 2·356	−5	...	.
...	46·735	−29·455	−3	...	..
1461					
...	+46·939	+ 7·309	−3	...	.
†	47·055	−24·846	−4	.	
...	47·137	+33·496	0·80	...	..
...	47·329	−54·882	−5	...	..
...	47·331	−10·608	−3	...	...
...	+47·366	+57·056	−5	...	...
...	47·591	+13·000	−5	...	...
...	47·620	−17·559	−1	..	...
...	47·685	+29·383	−5	...	...
...	47·755	+ 4·041	−4	...	...
1471					
..	+47·796	+30·729	−5	...	...
.	47·993	−13·863	0·65	...	...
...	48·039	+13·023	−4	...	...
...	48·056	+38·677	1·05	...	...
...	48·175	+ 6·261	−5	...	...
..	+48·259	+48·503	−2	...	...
*	48·328	+ 4·448	1·10	42.8346	9·8
...	48·334	− 0·312	−4	a	...
...	48·394	+33·150	0·90	...	...
...	48·430	+10·908	−5	...	...
1481					
...	+48·520	+10·499	−5	m	...
.	48·643	−45·062	1·00	43.8528	10·0
...	48·764	−46·733	−4	..	...
..	48·818	−19·598	0·95	43.8529	10·1
...	48·883	+28·127	−4	...	..
..	+49·298	+32·029	−1	...	...
...	49·355	+28·035	−5	...	.
...	49·437	+32·379	1·00	...	...
..	49·459	+ 7·331	0·80	...	...
...	49·530	−15·405	−5	...	...
1491					
..	+49·743	−25·489	−5	...	...
...	49·764	−16·799	0·65	...	.
...	49·822	−56·533	0·65	...	...
..	49·933	+45·852	−5	...	...
†	50·052	−54·740	−5	...	...
...	+50·137	−53·990	−2	...	...
*	50·183	+ 0·986	1·10	42.8348	9·6
	50·194	− 2·605	−3	...	
...	50·215	− 6·499	−5	m	...
...	50·468	+ 6·151	−5	..	...
1501–1560					
1501					
...	+50·473	+18·978	−4		...
*	50·486	+22·209	1·40	42.8347	9·8
...	50·500	−11·660	−4	.	...
...	50·588	−38·240	−4	..	...
...	50·634	−55·061	1·00	43.8531	10·0
...	+50·692	−37·143	1·00	43.8530	10·1
...	50·814	+ 7·749	−5	...	...
...	50·930	−50·792	−5	m	...
...	51·095	− 8·869	0·95	...	...
...	51·175	+21·053	−4	...	...
1511					
...	+51·269	+ 2·102	−5	...	...
*	51·292	− 53·453	1·70	...	...
†	51·331	+29·944	0·95	...	...
...	51·401	+25·151	−3	...	...
...	51·402	−24·300	−5	m	...
...	+51·450	−14·733	0·70	...	...
...	51·518	−34·115	−5	m	...
...	51·526	−25·466	−4	...	...
...	51·617	−14·388	0·65	...	...
...	51·627	−57·386	−4	...	...
1521					
...	+51·736	−11·528	−4	...	...
...	51·855	−17·255	−5	...	...
*	52·063	+17·684	1·95	42.8349	9·7
...	52·149	+38·807	0·85	...	...
...	52·221	−25·675	−5	...	...
*	+52·338	−38·012	2·40	43.8532	8·4
...	52·428	−23·729	−5	m	...
...	52·477	−14·189	1·00	...	...
...	52·506	+ 6·776	0·95	..	...
...	52·770	−20·349	−3	..	...
1531					
...	+52·832	− 0·523	0·90	.	..
...	52·839	−44·946	−5	m	...
...	52·856	−23·535	−2	...	...
...	52·936	−53·137	−5	...	...
*	53·291	+ 3·013	1·10	42.8350	9·8
...	+53·413	+47·367	−5	..	...
†	53·454	+30·057	1·00	...	...
...	53·575	−28·186	−5	m	...
...	53·773	−22·567	−4	...	...
*	53·871	−48·112	1·40	43.8533	9·4
1541					
...	+53·884	− 0·432	−5	m	...
...	53·939	+ 1·224	−2	..	...
...	54·000	−48·777	−5	.	..
...	54·046	−27·443	−5	.	...
...	54·180	−48·508	−5	.	..
...	+54·195	−36·746	−4	.	..
...	54·213	−46·944	−5	...	.
...	54·226	+10·800	−2	...	..
...	54·560	+13·189	−4	...	...
†	54·855	+41·427	0·80		..
1551					
†	+54·871	+20·282	−4	...	...
†	54·872	− 0·054	−5	f	...
†	54·916	+12·684	1·00	...	...
...	54·961	+17·642	0·80	...	...
...	54·993	− 30·773	−5	...	..
...	+55·076	+ 7·231	−5	...	...
..	55·086	−34·096	1·05	43.8534	10·0
...	55·203	−28·921	−4	...	...
...	55·271	−33·774	−5	...	...
*	55·622	+29·295	1·15	42.8351	9·8
1561–1605					
1561					
...	+55·639	+34·622	1·00	...	...
...	55·701	−35·042	−5	...	...
†	55·813	− 9·921	1·05	43.8535	9·6
*	55·817	+ 2·441	1·20	42.8352	9·7
..	55·981	−21·140	−3	...	...
.	+55·993	+34·840	−5	...	..
...	56·070	+17·397	−4	...	...
...	56·207	− 3·886	−1	..	...
...	56·226	−31·693	−1	...	...
...	56·258	+52·102	−4	..	...
1571					
...	+56·332	+10·627	−1	...	...
...	56·335	−54·821	−5	m	...
..	56·474	+15·384	0·65	...	...
*	56·535	+44·619	2·30	42.8353	8·6
...	56·614	−33·530	−5	...	...
...	+56·616	− 0·200	−3	a	...
...	56·894	+38·750	−5	...	...
...	57·037	+ 1·964	−4	...	...
...	57·045	−29·668	−5	m	...
*	57·206	−21·323	1·15	43.8536	9·5
1581					
...	+57·269	−34·475	−5	...	...
...	57·631	+ 7·448	−5	...	...
...	57·737	−28·347	0·85	...	...
...	57·747	+33·363	−5	...	...
...	57·749	− 6·302	0·90	...	...
...	+57·777	+ 2·250	−3	...	...
...	57·812	+49·542	−5	...	...
S *	57·890	−31·949	2·70	43.8537	8·1
...	57·920	−49·033	−5	m	...
...	57·998	− 5·150	−3	...	...
1591					
...	+58·045	+20·702	−2	...	...
†	58·160	−39·815	−3	...	...
...	58·209	−55·023	0·90	...	...
*	58·237	+ 0·386	1·10	42.8355	9·8
...	58·446	+22·908	−4	...	...
...	+58·490	− 6·435	0·65	...	..
N *	58·522	+12·818	1·20	42.8354	9·8
...	58·555	−44·173	−5	m	...
...	58·702	−40·245	−5	...	...
...	59·044	+37·681	1·00	...	...
1601					
...	+59·123	−17·640	−4	...	...
...	59·126	+43·331	−5	...	...
...	59·283	−13·826	−5	...	...
S *	59·387	− 6·090	2·30	43.8538	8·2
...	59·536	+31·290	−4	...	..

[illegible] 42·112, two stars; 43·[illegible]13·110 no note of duplicity.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1–60					
1					
†	−59·568	+ 0·834	1·00	42.8348	9·6
…	59·473	−16·960	− 3		…
..	59·464	− 2·762	− 4	…	.
†	59·283	+29·820	0·90		…
	59·172	+20·933	− 5		
	−58·730	+38·697	0·65	…	…
…	58·379	− 8·978	0·90		…
…	58·219	−56·659	− 5	…	..
*	58·198	+17·580	1·50	42.8349	9·7
…	57·985	−38·357	− 5	…	…
11					
…	−57·983	−54·103	− 4	…	…
…	57·932	−37·252	1·00	43.8530	10·1
…	57·829	−14·829	− 2	…	…
…	57·700	−14·473	− 3	…	…
…	57·435	−55·186	1·00	43.8531	10·0
…	−57·426	+ 6·699	0·95	…	…
…	57·188	+29·986	1·00	…	…
…	56·887	− 0·594	0·80	E	…
…	56·823	−14·261	0·95	…	…
…	56·539	+ 2·960	1·05	42.8350	9·8
21					
…	−56·374	−57·458	− 5	…	…
…	56·349	−20·396	− 5	…	…
*	56·237	−38·081	2·30	43.8532	8·4
..	56·216	+44·397	1·00	…	…
…	56·169	−23·584	− 3	…	…
..	−55·840	+ 1·189	− 5	…	…
…	55·839	+10·763	0·65	…	…
…	55·571	+13·167	− 5	…	…
…	55·476	+20·265	− 2	…	..
…	55·295	+17·638	− 1	…	…
31					
…	−55·191	+12·677	1·00	…	…
…	55·125	+34·621	0·65	…	…
…	54·977	+29·302	1·00	42.8351	9·8
‡	54·530	+44·630	2·30	42.8353	8·6
*	54·416	−48·143	1·25	43.8533	9·4
…	−54·259	−48·801	− 5	…	…
*	53·982	+ 2·466	1·50	42.8352	9·7
…	53·713	+15·419	− 4	…	…
…	53·626	−34·079	1·00	43.8534	10·0
…	53·613	− 9·896	1·00	43.8535	9·6
41					
…	−53·403	− 3·854	− 5	…	…
…	53·125	−21·112	− 5	…	…
…	52·553	−31·636	− 5	…	…
…	52·291	+20·771	− 5	…	…
…	52·033	+ 2·316	− 5	…	…
*	−51·884	−21·249	1·10	43.8536	9·5
…	51·823	+37·779	0·95	…	…
…	51·802	− 6·224	0·95	…	…
N	51·584	+12·914	1·10	42.8354	9·8
†	51·577	− 5·085	− 5	…	…
51					
*	−51·505	+ 0·480	1·10	42.8355	9·8
…	51·154	−28·257	− 2	…	…
…	51·053	− 6·333	− 4	…	…
S *	50·882	−31·840	2·80	43.8537	8·1
S *	50·154	− 5·960	2·30	43.8538	8·2
…	−50·014	+ 5·074	1·05	…	…
…	49·981	+30·846	− 5	…	…
…	49·882	+39·650	− 5	…	…
…	49·870	−54·890	0·65	…	…
…	49·443	−12·117	− 2	…	…
61–120					
61					
..	−49·380	+2·559	− 3	…	.
..	48·835	−23·829	− 5		
…	48·663	+25·239	1·00		…
*	48·274	+ 9·476	1·1	43.8356	9·8
…	48·084	−37·186	− 5	…	…
*	48·052	+ 32·479	1·30		..
*	47·765	−32·473	1·60	43.8539	9·3
*	47·760	−49·205	1·15	43.8540	9·8
†	47·511	+14·906	1·05		.
…	47·510	+20·270	1·05		…
71					
…	−47·475	−23·895	− 4		
…	47·245	+21·323	− 4		
…	46·467	+45·387	− 2		…
…	45·820	+14·710	1·05		
…	45·552	+31·331	− 3		
…	−45·396	+22·715	1·15		
…	45·208	−23·821	− 3	…	…
*	45·114	+22·413	1·20	..	…
†	44·598	−48·083	− 5	…	…
…	44·386	+43·963	− 4	…	…
81					
…	−44·264	−44·216	− 4		
…	44·098	+15·564	0·65		
…	44·061	+10·862	1·05		
…	43·931	− 9·961	− 4	.	.
…	43·655	+ 7·930	0·95		
…	−43·406	− 5·665	− 4		
…	43·383	+41·209	− 3	…	..
…	43·240	−28·151	− 4	..	
…	42·462	+14·407	1·05		…
…	42·130	+16·758	1·05	…	..
91					
…	−42·067	−44·081	− 3	…	…
S *	41·883	+ 3·477	2·10	42.8357	8·6
*	41·760	− 8·759	1·20	43.8541	9·6
…	41·517	+49·285	0·95	…	…
…	41·359	+46·585	1·05	…	…
*	−41·309	+ 2·598	1·30	42.8358	9·8
*	40·786	− 5·500	1·15	43.8542	9·6
…	40·173	−54·171	− 2	…	…
…	39·769	−34·150	− 5	…	…
…	39·362	− 3·380	1·00	…	…
101					
..	−39·219	− 3·107	0·85	…	…
..	39·217	+26·732	− 4	…	…
…	38·878	+40·858	0·85	…	…
S *	38·574	+40·298	5·00	42.8359	6·7
…	38·529	−27·073	0·80	…	…
…	−38·508	+44·827	− 1	…	…
..	38·453	− 4·817	− 5	…	…
.	37·959	+22·898	− 2	.	…
.	37·896	−11·933	0·90	…	…
…	37·645	−13·782	− 5	…	…
111					
…	−37·526	+15·403	0·90	…	…
…	37·511	+16·293	1·00	…	…
…	37·413	+32·136	− 2	…	…
…	37·397	− 6·271	− 3	…	…
*	37·305	−24·047	1·20	43.8543	9·0
…	−37·225	+54·918	− 4	…	…
…	36·965	+33·253	− 3	.	.
…	36·827	+16·150	− 1		
…	36·713	+ 2·229	− 5	.	
…	36·712	+ 2·966	− 4	..	…
121–180					
121					
	−36·650	−12·170	0·8	…	…
…	36·640	+38·668	− 4	…	…
…	36·576	−26·819	0·80	…	…
	36·009	− 1·526	1·00	43.8546	10·1
	35·711	−44·896	1·15	43.8545	9·6
+	−35·650	− 0·712	0·65	…	…
*	35·579	−53·331	1·20	43.8544	9·4
	35·449	−20·160	0·90	…	…
	35·291	−45·050	− 5	…	…
…	35·106	+ 3·424	− 2	…	…
131					
..	−34·996	−42·358	0·75	43.8547	10·1
…	34·477	+ 3·962	0·80	…	…
	34·466	+16·242	− 4	…	…
…	34·240	−14·400	− 4	…	
…	34·126	+51·875	− 1		
..	−33·809	−41·814	1·00	…	…
…	33·790	+38·456	− 5	…	…
…	33·592	+41·101	− 3	…	
…	33·503	+19·366	− 4		
…	32·956	−14·948	− 4	…	
141					
…	−32·945	+32·963	0·80	…	
*	32·924	+36·376	1·10		
*	32·605	−28·681	1·05	43.8549	9·6
…	32·601	−14·183	0·90	…	
*	32·547	−29·417	1·05	43.8550	9·6
…	−32·540	−51·358	1·05	43.8548	9·6
‡	32·430	− 5·184	1·10	43.8551	9·5
…	32·417	−50·401	− 2	…	…
…	32·175	+21·472	0·90	…	…
…	32·121	+24·271	0·90	…	…
151					
…	−31·632	+56·439	− 3	…	…
…	31·518	+13·483	− 4	…	…
*	31·411	+26·294	1·25	42.8360	9·4
…	31·060	+43·920	− 5	…	…
…	30·959	+25·917	− 5	…	…
…	−30·849	+40·311	0·95	…	…
*	30·738	+33·035	1·20	42.8361	9·8
…	30·712	− 0·590	− 5		…
…	30·640	+25·888	− 5	…	…
…	30·610	+ 9·224	− 4	…	…
161					
…	−30·293	−26·189	1·00	43.8552	10·0
…	30·077	−21·372	0·75	…	…
.	29·892	−32·336	− 4	…	…
…	29·459	−20·192	− 4	.	…
N	29·207	+44·456	1·15		…
…	−29·010	− 3·631	1·0	43.8554	10·1
…	28·965	+13·583	0·90	…	…
*	28·881	+26·114	1·90	42.8362	9·4
…	28·756	+43·169	0·85	…	…
…	28·524	−58·738	0·75	43.8553	10·1
171					
…	−27·943	−46·129	− 4	…	…
…	27·318	+21·051	− 2	…	…
…	26·644	+54·319	1·00	.	…
…	26·583	+38·171	0·80	..	…
…	26·581	−57·345	− 4		…
…	−26·351	−59·741	− 5	…	…
…	26·237	− 2·835	0·80	…	…
*	26·161	+ 4·469	1·80	42.8363	9·4
*	26·133	−44·237	1·05	43.8555	9·8
…	26·041	+16·228	− 5	…	…

ES measured from 1, 100, 207, 332, 473, 583.
MC ,, ,, 60, 164, 277, 395, 527, 647.

49. 42°·110, two stars; 43°·109, 43°·110, no note of duplicity.
165. Mass. 42°·110, two stars

Notes.	Co-ordinates.		Diam.	C.P.D.	
				No.	Mag.

181–240

181					
*	−25·857	−41·611	1·15	43·8556	9·6
..	25·775	−33·965	− 3		...
.	25·716	−16·526	1·20	43·8557	9·6
.	25·06	+ 9·283	1·40	42·8364	9·7
	24·977	+50·864	1·10	...	.
	−24·809	+43·460	− 5	...	...
.	24·738	+34·028	− 4	..	...
*	24·607	−15·240	2·00	43·8559	9·7
*	24·238	−56·820	1·85	43·8558	9·0
..	24·157	−53·862	− 5	.	...
191					
	−23·889	+ 7·230	1·00	.	...
	23·488	+ 4·798	− 4	...	...
	23·354	+46·216	1·00	...	..
	23·328	−32·712	0·65	43.8561	10·1
	23·124	−58·877	1·10	43.8560	9·6
	−22·937	−42·405	− 4	...	...
.	22·834	+18·623	0·65	...	...
	22·567	+28·718	1·05	...	...
*	22·158	−29·174	1·80	43.8562	9·3
...	21·787	+57·424	1·10	...	...
201					
..	−21·541	− 8·624	− 4	...	...
..	21·087	+ 7·095	0·65	...	...
...	20·766	+ 1·426	− 4	...	...
*	20·713	+23·732	1·85	42.8365	9·6
...	20·424	+30·371	− 5	...	...
*	−20·273	−55·912	1·90	43.8563	8·9
...	19·664	+51·219	− 4	...	...
..	19·574	−57·655	0·75	...	...
*	19·553	+44·150	1·10	42.8366	9·8
...	19·464	+49·969	− 4	...	...
211					
...	−19·381	−25·392	− 5	...	...
...	19·301	+43·029	0·85	...	...
...	19·291	+18·291	1·00	42.8367	9·8
	19·060	−58·052	− 1	...	...
...	19·043	+21·537	0·65	...	...
...	−19·016	−56·989	− 1	.	...
...	18·990	−22·647	− 4	...	...
*	18·896	+24·183	1·10	...	...
...	18·832	+43·416	0·65	..	...
.	18·673	+ 8·867	− 5	...	...
221					
...	−18·553	−15·488	0·90	..	...
.	18·453	− 5·713	− 5	...	...
*	18·377	−39·277	1·25	43.8564	9·4
..	18·032	−53·625	1·00	43.8565	10·1
*	17·992	+38·625	1·90	42.8368	9·0
	−17·745	−18·244	− 4	...	...
	17·744	+33·792	− 5	.	...
*	17·469	+26·065	1·80	42.8369	9·7
..	17·366	−34·570	− 5	.	...
...	17·211	− 2·345	1·10	43.8567	10·0
231					
*	−16·949	−42·828	1·15	43.8566	9·5
..	16·923	−24·15[illegible]	1·00	..	..
...	16·699	−24·114	0·95	.	.
...	16·364	+41·492	− 3	.	...
*	16·315	−42·158	1·35	43.8568	9·2
..	−16·193	−17·[illegible]	− 5	.	.
...	16·168	+20·616	1·00	...	...
*	16·077	−31·[illegible]	2·00	43.8569	8·6
.	15·931	−34·966	0·95	...	...
...	15·372	−22·82[illegible]	− 3	..	.

Notes.	Co-ordinates.		Diam.	C.P.D.	
				No.	Mag.

241–300

241					
.	−15·137	−57·071	− 5	...	...
..	14·933	−13·692	0·85	...	...
...	14·742	−53·119	− 5	...	...
.	14·647	−29·466	1·05	43.8571	9·8
...	14·540	−27·749	0·70	...	...
*	−14·472	−56·455	1·05	43.8570	9·4
.	14·111	−22·969	− 2	...	...
...	14·052	+31·560	− 3	...	...
...	13·925	−46·212	1·00	43.8572	10·1
...	13·868	+17·042	− 2	...	...
251					
S *	−13·837	−15·541	2·00	43.8574	8·8
...	13·824	37·832	0·65	...	...
...	13·815	−19·420	0·90	43.8573	10·1
S *	13·286	−49·089	3·80	43.8575	7·3
...	13·155	+ 2·974	0·75	...	...
...	−13·112	+28·672	− 5	...	...
...	13·002	11·738	1·05	43.8577	9·8
*	12·978	3·504	1·50	42.8370	9·6
*	12·978	−36·317	1·00	43.8576	9·8
S *	12·562	+16·552	2·10	42.8371	8·4
261					
...	−12·520	+59·020	1·05	...	...
.	12·379	+34·331	− 5	...	...
..	12·314	+34·546	− 5	...	...
...	12·038	− 1·287	1·00	43.8578	9·6
...	11·702	−20·736	− 4	...	...
..	−11·543	23·050	− 4	...	...
*	11·454	16·810	1·05	...	...
..	11·199	−52·247	0·70	...	...
...	11·058	−50·615	− 3	...	...
...	10·877	− 6·210	− 4	...	...
271					
...	−10·757	− 3·925	− 5	...	...
...	10·754	− 2·790	0·90	43.8579	10·1
...	10·482	+22·702	0·65	...	...
...	10·241	−19·499	− 3	...	...
*	10·200	+49·322	1·20	...	...
...	− 9·962	+40·140	− 5	...	...
...	9·729	+31·034	0·80	...	...
†	9·707	−48·677	− 5	...	...
...	9·631	+23·395	1·00	...	...
S *	9·523	+23·059	2·10	42.8372	8·2
281					
n	− 9·360	−56·967	0·80	43.8580	10·1
n	9·192	−57·245	0·90		
...	9·143	+29·567	− 4	...	...
...	9·083	−49·170	− 4	...	...
..	9·025	−51·703	− 4	...	...
...	− 8·849	+ 8·674	− 5	...	...
...	8·651	−15·593	0·80	...	...
..	8·649	+21·487	− 5	...	...
...	8·641	+ 5·116	0·75	...	...
*	8·523	+ 1·389	1·20	42.8373	9·8
291					
...	− 8·440	+58·760	− 5	...	...
	8·381	−53·186	− 4	...	...
	8·183	− 1·638	1·10	43.8581	10·0
	7·690	25·481	0·75	.	.
	7·678	−58·738	0·80	...	
...	− 7·306	+51·237	− 3		
...	7·288	−45·192	0·75	..	
	6·953	−55·797	− 5	..	...
...	6·319	−57·118	− 5		...
...	6·132	−31·709	1·10	43.8582	10·0

Notes.	Co-ordinates.		Diam.	C.P.D.	
				No.	Mag.

301–360

301					
...	− 6·016	−59·579	− 5	..	...
...	5·944	− 2·055	− 5	.	...
...	5·216	−35·940	− 3	...	...
...	4·674	−32·674	− 1	...	..
...	4·401	+ 5·744	− 3	.	...
...	− 4·393	+ 9·791	− 4		...
...	4·376	−30·941	0·70	...	
...	4·313	+35·641	− 4	...	...
...	4·145	+48·252	− 5	...	..
...	3·749	−58·537	− 3	...	...
311					
..	− 3·728	−13·838	0·90	...	...
..	3·725	+23·801	1·00	...	...
...	3·696	−19·537	− 2	...	...
...	3·366	+10·452	1·05	...	..
...	3·308	−10·279	− 4		...
...	− 3·302	+ 9·079	1·00	...	...
...	2·984	−39·088	− 1	...	...
...	2·686	−57·382	1·00	...	...
*	2·354	+ 6·349	1·30	...	...
...	2·260	−55·218	− 4	...	...
321					
...	− 1·445	−20·756	0·90	...	...
*	1·262	+27·820	1·30	...	..
..	0·460	+ 4·327	− 4	...	...
*	0·375	+35·347	1·20	...	...
...	0·165	−29·793	0·75	...	...
...	− 0·153	+ 6·545	− 5	.	...
...	0·111	−19·856	0·70	...	...
...	− 0·079	+38·491	1·15	...	...
...	+ 0·011	−31·885	− 3	...	...
...	0·071	−55·895	− 3	...	...
331					
‡	+ 0·133	+21·149	2·20	42.8374	8·8
†	0·238	−27·977	1·00	43.8583	10·0
...	0·323	−15·970	− 5	...	...
...	0·509	−48·715	− 4	...	...
...	0·845	−44·130	− 5	...	...
...	+ 1·113	− 0·994	− 5	M	...
...	1·263	−47·715	1·00	43.8584	10·1
...	1·386	−24·856	0·85	...	...
...	1·734	+ 5·950	0·65	...	...
*	1·901	+ 1·185	2·00	42.8375	8·8
341					
...	+ 2·112	+20·457	0·95	...	...
...	2·299	+24·954	0·95	...	...
...	3·174	+50·873	− 2	...	...
...	3·515	+11·085	− 3	...	...
*	3·533	−47·367	1·10	43.8585	9·6
...	+ 3·553	−39·731	0·95	43.8586	10·1
...	3·972	−59·467	− 2	...	...
...	3·988	+ 6·041	− 4	...	...
...	4·101	−17·152	− 3	...	...
...	4·208	−14·490	0·75	...	...
351					
...	+ 4·300	−54·693	− 5	...	...
...	4·389	−34·556	− 5	...	...
.	4·912	+ 6·927	0·95	...	...
.	5·216	−11·820	1·30	43.8587	8·9
...	5·303	− 6·936	− 5	...	...
	+ 5·471	+14·387	− 5	...	...
*	5·623	−55·701	1·50	43.8588	9·2
.	5·632	−52·460	1·70	42.8376	9·6
...	5·700	− 3·206	− 4	...	...
..	5·765	−29·115	− 5	...	...

281 282. C.P.D., probably mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
	361-420				
361					
...	+ 5·799	−26·491	− 5	...	...
...	5·881	−50·002	− 4	..	..
...	5·964	−40·650	0·95	...	..
S *	5·999	−30·179	1·60	43.8589	9·2
...	6·099	+18·914	− 5	m	
...	+ 6·102	+11·061	1·00	.	...
†	6·194	+ 4·929	− 4	..	...
...	6·342	+38·955	0·95	...	..
...	6·688	+54·114	0·65	..	...
*	6·876	+21·103	2·00	42.8377	9·0
371					
...	+ 6·907	+42·951	− 5	..	
...	6·917	+38·177	− 1	.	...
...	7·113	− 1·312	− 5	..	.
...	7·379	−38·044	− 5	...	...
...	7·665	− 2·093	0·90	.	...
...	+ 7·759	+40·293	− 5	m	...
...	7·868	−59·304	− 5	...	..
...	7·876	−22·354	− 5	...	...
..	8·077	+37·071	1·05		.
...	8·165	−43·971	− 4	...	...
381					
...	+ 8·358	+45·526	− 3	...	...
*	8·672	−48·062	1·10	43.8590	9·8
...	8·791	+38·733	− 1	...	...
...	9·026	− 7·857	− 5	...	...
...	9·079	−58·241	− 5	...	...
...	+ 9·298	+46·394	− 4	...	...
S *	9·474	−10·958	2·10	43.8591	8·5
...	9·598	−45·539	− 1	...	...
...	9·685	+22·165	0·75	...	...
...	9·745	+51·189	0·90	...	...
391					
...	+ 9·753	−22·575	− 4	...	...
...	9·944	+48·726	− 4	...	...
...	9·963	−50·988	− 5	...	...
	10·052	− 7·957	1·15	43.8592	9·5
†	10·132	+27·155	− 2	...	...
...	+10·399	+15·163	− 5	...	...
...	10·498	− 3·940	− 4	...	...
...	10·521	−16·276	0·75	...	...
...	10·858	+49·649	− 3	...	...
...	10·863	− 2·013	0·80	...	...
401					
...	+10·996	−58·835	− 4	...	...
...	11·314	+57·510	− 4	...	...
...	11·555	−43·832	0·70	43.8593	10·1
...	11·576	−45·292	1·00	43.8594	10·1
†	11·599	− 5·094	0·95	43.8595	10·1
*	+11·717	−16·611	1·50	43.8596	9·4
...	11·870	−30·757	0·65	...	...
...	12·139	+36·389	0·90	...	...
...	12·142	− 6·690	− 5	...	...
...	12·220	−44·314	− 5	...	..
411					
*	+12·575	+10·428	2·85	42.8378	8·2
...	12·645	−56·681	− 3	...	...
...	12·765	−44·154	− 4	...	..
...	12·838	+ 8·742	− 4	..	...
..	12·893	+13·715	0·95	...	...
..	+13·027	+36·523	0·90	...	.
...	13·216	+43·382	0·65	.	.
...	13·306	+41·515	− 4	...	...
...	13·435	+19·445	− 3	...	...
*	13·482	−44·291	1·30	43.8597	10·2
	421-480				
421					
...	+13·574	+47·223	1·05	...	
*	13·671	+32·023	3·00	42.8379	7·8
...	13·748	−41·928	1·10	43.8598	10·4
...	13·756	−54·097	− 4	..	...
...	13·940	+19·090	− 3	...	...
...	+13·946	−59·566	1·05	44.9108	10·0
*	14·079	+ 2·324	2·40	42.8380	8·5
...	14·489	+ 3·489	1·10	42.8381	10·4
..	14·557	−54·448	− 5	...	...
...	14·829	−15·896	− 3	.	...
431					
...	+ 14·919	+47·158	− 4	...	...
...	14·969	−48·070	1·00	...	...
†	15·037	+14·610	− 4	...	...
S	15·041	+37·768	2·85	42.8382	7·8
*	15·409	−53·093	1·95	43.8599	9·6
†	+15·668	−29·956	− 2	...	...
...	15·757	+55·912	− 1	...	...
...	15·786	−19·173	− 5	...	...
...	15·787	+36·808	− 5	...	...
...	15·817	−35·880	0·90	...	...
441					
*	+16·150	−16·839	1·60	43.8600	9·8
...	16·249	+52·469	− 5	...	
...	16·291	−50·845	1·05		...
...	16·304	−37·855	− 2		...
...	16·310	+19·172	0·75	..	
...	+16·349	−53·538	− 3	..	...
...	16·371	+33·970	0·65	.	..
...	16·492	+38·924	0·80	..	.
...	16·600	+35·673	1·00		...
...	16·613	−12·826	− 2	...	...
451					
...	+16·699	+ 0·345	0·75	a	.
...	17·056	+47·515	− 4	...	...
*	17·100	+11·133	1·00	...	...
*	17·178	+51·767	1·80	42.8383	9·2
...	17·293	−25·736	0·65	...	..
...	+17·442	−20·184	− 3		
...	17·473	− 5·447	− 5	.	
...	17·782	+12·714	1·00	.	...
...	17·821	−40·370	− 3		..
...	18·122	+37·619	1·05	...	.
461					
...	+18·191	+24·510	− 4		.
.	18·441	−43·273	− 4	...	.
.	18·560	+ 5·744	− 5		...
...	18·640	−40·523	− 4	...	..
...	18·658	−36·501	− 5	...	...
*	+18·756	+31·811	2·90	42.8384	7·8
...	18·759	+17·795	− 4	...	...
	19·098	+52·153	− 5	...	...
	19·098	−34·925	0·65	...	...
..	19·568	+43·514	− 4	...	..
471					
...	+19·895	−45·640	1·05	43.8601	10·4
†	20·124	−37·051	1·05	43.8602	10·4
...	20·669	+33·974	− 3	...	...
...	21·036	+26·181	0·90	...	...
...	21·916	+31·412	1·00	...	...
...	+22·029	+56·357	1·10	...	...
...	22·107	+54·379	0·85	...	
...	22·205	+11·712	− 5	...	...
...	22·208	−35·480	− 3	...	
...	22·673	+45·292	− 1	...	
	481-540				
481					
...	+22·695	+49·045	1·00	.	...
	22·780	+ 8·926	− 5	.	...
	22·792	+16·938	− 5		..
...	23·038	− 4·991	− 2	.	
...	23·091	+44·585	− 5		...
	+23·204	−42·406	0·95	.	...
...	23·399	+35·615	− 1	.	.
	23·499	−42·944	0·95	.	...
	23·551	−23·785	− 3		
...	23·645	− 6·021	− 4		...
491					
..	+23·806	−13·227	− 5	...	...
...	23·838	+13·127	0·90	..	...
...	23·887	+ 3·082	− 1	..	...
...	23·970	−20·738	0·90	...	
...	24·540	+26·632	0·65		
...	+24·632	−38·614	− 3		
...	24·741	+49·377	− 1	..	
...	25·182	+34·524	− 4	.	.
...	25·242	− 2·451	0·75	...	...
...	25·832	−14·756	− 5		.
501					
..	+26·347	−24·629	− 4	...	
...	26·799	+56·619	1·15	...	.
...	27·011	−42·687	− 4	...	.
...	27·042	+10·707	1·00	...	...
...	27·076	+22·397	0·90	...	..
..	+27·214	+35·074	− 2	...	...
...	27·444	+14·629	− 1	...	...
...	27·458	−21·357	1·00	...	...
*	27·467	+12·948	1·60	42.8385	9·6
...	27·515	+52·678	− 4	...	...
511					
...	+27·538	+28·576	0·75	.	...
..	27·720	+18·013	0·90	...	...
...	27·859	+14·407	− 4		...
...	28·210	+58·493	− 5	...	...
*	28·228	+55·182	2·30	42.8386	8·5
...	+28·673	− 3·187	− 5	...	...
*	28·803	− 6·172	1·10	43.8603	10·4
...	28·997	+31·442	1·00	...	...
...	29·174	−38·072	− 5	...	...
*	29·189	+28·510	1·70	42.8387	9·4
521					
...	+29·246	−44·732	− 5	...	...
..	29·441	+28·788	− 5	...	...
	29·523	+ 2·705	1·20	42.8388	9·6
...	29·919	−34·537	0·95	...	...
	29·941	+50·916	1·25	...	...
...	+30·037	−52·080	0·75	...	...
...	30·300	−49·647	− 5	...	...
S *	30·318	+43·252	3·25	42.8389	7·5
*	30·445	+56·450	1·60	42.8390	9·7
*	30·619	+26·028	1·20	...	...
531					
	+30·639	−29·180	− 1	...	...
	30·795	−36·306	− 4	...	...
...	30·907	+51·041	− 5	...	...
...	31·020	−55·025	1·05	..	...
...	31·111	+13·555	− 1	..	...
.	+31·425	−11·913	0·70	...	...
.	31·638	−39·263	0·80	...	...
...	31·656	−10·207	− 2	..	...
...	31·761	−25·057	− 2	..	...
...	32·434	+18·050	0·95	...	...

541–600

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′	″		No.	Mag.
541					
...	+32·024	−31·759	− 1	..	...
	32·953	− 2·379	− 3	.	...
	33·187	−31·4[illegible]	1·00		...
.	33·25[illegible]	−11·950	− 2	...	...
...	33·289	−58·626	1·[illegible]	43.8604	10·2
.	33·[illegible]	−45·[illegible]	− 2	..	..
*	34·019	+ 3·716	1·30	42.8391	9·4
	34·130	+11·911	− 4	...	...
..	34·194	+ 7·092	1·05	...	...
...	34·383	+32·006	1·00	..	...
551					
...	+34·773	− 6·093	1·10	43.8605	10·4
.	34·781	− 9·832	− 5	..	...
.	34·848	−26·070	0·65	...	...
†	35·063	+ 4·413	1·30	42.8392	9·6
..	35·204	+15·934	− 2	...	...
...	+35·284	− 0·449	− 4	...	...
	35·327	−33·405	1·15	43.8606	10·4
...	35·668	+43·602	− 3	...	...
..	35·764	+ 9·476	− 5	...	..
...	35·94[illegible]	−23·624	− 4	...	...
561					
..	+36·047	+15·473	− 4	...	...
...	36·246	+39·036	− 3	.	...
..	36·300	−48·798	1·00	..	...
	36·427	+23·613	− 5	..	...
..	36·452	+48·534	5	...	..
	+36·545	+32·858	- 2	...	...
	36·685	−44·785	− 2	...	...
. .	37·205	+54·348	− 5	..	...
..	37·283	+ 5·974	− 5	...	...
...	37·449	−49·059	1·10	..	...
571					
..	+37·538	+44·162	− 3	...	...
...	37·747	+10·255	0·85	...	...
*	38·044	+10·543	2·10	42.8393	8·4
. .	38·491	+ 6·220	0·65	.	. .
.	38·502	+43·921	1·10	..	
. .	+38·614	−33·635	− 2		...
..	38·696	− 6·494	− 2	.	...
..	38·891	−49·826	1·[illegible]	.	...
...	39·011	+37·783	− 4	...	.
...	39·258	+20·162	0·70	...	.
581					
*	+39·714	− 4·726	1·70	43.8607	9·6
...	39·[illegible]44	+48·972	− 5	...	...
	40·11[illegible]	+13·573	− 5	...	...
	40·226	−53·542	− 4	...	...
	40·277	−29·548	− 3	...	...
	+40·396	−50·793	1·10	...	...
...	40·468	+51·598	− 3	..	...
	40·505	−56·201	− 5	...	...
	40·933	−51·306	1·[illegible]	43.8608	10·2
*	40·987	+40·289	1·10	...	...
591					
	+41·046	−50·109	− 2	..	...
..	41·287	+ 0·328	− 5	..	...
...	41·449	−36·053	1·25	...	...
...	41·618	−57·867	0·95	...	...
.	41·769	− 1·006	1·15	43.8609	10·2
	+41·965	+17·903	− 5	...	...
...	41·968	−18·508	1·00	...	...
. .	42·246	−55·[illegible]	− 3	...	...
. .	42·333	−19·913	− 3	...	...
...	42·667	+26·888	− 2	...	...

601–660

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′	″	3.	No.	Mag.
601					
..	+42·799	−19·789	− 4	...	...
..	42·912	−15·463	0·85	...	...
..	42·922	− 1·583	− 1	...	...
.	43·014	+14·914	1·25	42.8394	9·7
...	43·240	+37·407	1·00	...	...
*	43·505	−43·571	1·20	43.8610	10·2
...	43·592	+ 5·208	0·90	...	...
...	43·660	+22·256	0·90	...	...
...	43·974	+45·779	0·95	...	...
...	44·151	−13·325	1·00	...	...
611					
..	+44·152	−47·354	− 3	...	...
...	44·227	+24·987	− 5	...	...
S *	44·320	+ 3·244	2·15	42.8395	8·4
*	44·406	−43·282	1·60	43.8611	9·9
..	44·710	+29·390	0·80	...	...
...	+44·756	+24·094	− 3	...	...
...	44·958	−28·286	− 5	...	...
...	45·226	−34·572	− 3	...	...
...	45·653	+31·955	− 5	...	...
...	45·735	+38·312	− 1	...	...
621					
...	+45·966	+51·190	1·00	...	...
...	46·057	−33·578	0·70	...	...
*	46·166	+25·482	1·50	42.8397	9·6
...	46·227	−16·917	− 5	...	...
...	46·647	−22·161	1·00	...	...
...	+47·050	+ 5·985	0·90	...	...
*	47·065	+24·169	2·40	42.8398	8·2
..	47·146	+32·631	− 1	...	...
...	47·339	−46·922	0·90	...	...
...	47·430	+ 5·886	0·65	...	...
631					
...	+47·571	+19·812	− 5	...	...
...	47·746	+14·642	− 3	...	...
...	47·909	−42·836	0·90	...	
...	47·910	−35·053	1·00	...	...
†	47·945	−39·970	− 2	...	..
...	+48·165	−32·427	0·90	...	...
...	48·188	− 7·794	0·90	.	...
...	48·242	−39·071	0·85	...	...
...	48·479	−12·991	− 5	...	.
...	48·549	+50·835	− 2	...	...
641					
...	+48·735	−11·364	0·85	...	...
...	48·881	−44·679	− 4	..	.
...	49·217	−53·352	− 5	...	..
...	49·536	+13·481	− 2	...	...
†	49·643	+44·771	− 5	...	...
†	+49·994	−29·[illegible]49	0·85	..	...
†	50·080	−14·889	− 4	...	...
...	50·405	+13·885	− 4	...	...
...	50·41[illegible]	− 0·314	− 2	'	...
...	51·001	−19·610	− 4	...	...
651					
...	+51·433	+55·983	1·20	...	...
...	51·896	- 4·380	1·10	43.8612	10·4
*	52·132	−29·100	1·30	43.8613	10·0
	52·426	+15·446	2·00	42.8399	9·0
...	52·544	− 2·414	− 3	...	...
S *	+52·566	−35·229	1·80	43.8614	9·6
*	52·630	+23·749	1·50	42.8400	9·6
...	52·77[illegible]	+27·884	1·10	...	...
†	52·897	+ 5·[illegible]8	0·95	...	...
...	52·925	+17·763	1·10	...	...

661–695

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′	″	3.	No.	Mag.
661					
...	+53·245	−16·862	1·05	43.8615	10·4
...	53·436	−29·398	− 4	...	...
...	53·687	+56·373	− 2	.	...
...	53·762	+43·721	1·10	.	...
...	53·793	−49·798	− 5	...	...
...	+53·847	+43·099	− 4	...	...
N [	53·855	+33·122	1·15	. .	...
...	53·885	+49·507	1·40	42.8401	9·8
...	54·112	+51·067	− 5	...	...
...	54·369	−22·455	− 3	...	. .
671					
...	+54·391	+22·023	− 4	...	...
...	54·525	+37·592	1·00	...	...
...	54·635	+17·313	− 4	...	. .
..	54·852	+ 5·901	− 4	...	...
*	54·883	−13·451	1·15	43.8616	10·4
...	+55·177	+15·522	1·10	...	...
†	55·625	+10·000	− 3	...	...
...	55·797	−57·852	− 2	...	...
...	55·818	−46·580	1·10	...	...
...	56·145	+15·351	− 5	...	...
681					
...	+56·308	−41·269	− 4	...	...
...	56·848	−33·797	1·20	43.8617	10·2
...	56·903	+59·146	− 4	...	...
...	57·165	+15·196	− 3	..	...
.	57·340	+31·705	1·00	...	...
..	+57·402	− 4·146	1·00	...	...
...	57·475	+46·682	− 2	...	...
...	57·609	−51·733	1·00	. .	...
...	57·775	+ 8·283	− 4	...	...
...	57·783	− 9·863	− 4	...	...
691					
...	+58·781	+ 5·316	1·10	...	..
...	59·061	+37·437	− 3	...	...
†	59·135	+39·916	− 4	...	.
...	59·284	+12·727	− 4	...	...
...	59·922	−37·090	1·10	43.8618	10·2

60°. Mass. 42 111. two stars: 43° 111. mass.

Notes	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
1-60					
1					
…	−59·287	− 0·440	− 1	E	…
.	58·875	−29·177	− 1	…	
	58·132	−19·726	− 5	…	.
*	57·818	+23·680	1·60	42.8400	9·0
.	57·781	+27·812	1·00	…	.
*	−57·764	+15·370	1·80	42.8399	9·0
…	57·744	+56·31[illegible]	− 5	…	…
…	57·700	− 4·459	1·[illegible]	43.8[illegible]12	10·4
.	57·340	+17·709	0·95	…	. .
…	57·323	+49·457	1·30	42.8[illegible]21	9·5
11					
	−57·283	+43·667	− 1	. .	. .
. .	57·110	− 2·485	− 4	…	. .
‡	56·971	+ 4·967	0·80	…	.
N	56·872	+33·078	1·10	. .	…
,	56·714	−29·172	1·10	43.8613	10·0
	−56·345	+37·565	− 1	…	…
S *	56·110	−35·281	1·80	43.8614	9·6
.	56·009	+21·996	− 4	…	…
	55·974	−16·905	1·05	43.8615	10·4
…	55·605	+17·297	− 4	. .	…
21					
…	−55·411	−29·423	− 5	. .	…
…	55·073	+ 5·896	− 5	…	…
…	55·007	+15·543	0·95	…	…
…	54·579	+59·181	− 5	…	…
*	54·458	−13·451	1·00	43.8616	1·4
…	−54·405	+10·034	− 2	…	…
…	54·049	+15·376	− 5	…	..
…	53·642	+46·739	− 3	…	…
…	53·351	+31·771	− 1	…	…
…	53·020	+15·261	− 4	…	…
31					
…	−52·515	−46·523	1·00	…	.
…	52·218	+ 8·381	− 5	…	. .
…	52·210	− 4·066	0·95	…	..
…	52·190	−41·207	− 4	…	..
…	52·182	−37·786	− 3	…	..
…	−52·172	+ 4·243	− 5	…	…
…	51·861	−33·716	1·15	43.8617	10·2
…	51·814	+37·541	− 4	…	…
…	51·785	+46·019	− 5	..	…
…	51·653	− 9·766	− 5	…	…
41					
…	−51·562	+24·811	− 5	…	…
…	51·502	+ 5·346	− 5	…	…
*	51·098	+ 5·431	1·00	…	..
…	50·852	+12·843	− 4	…	…
…	50·561	−51·628	− 2	…	…
S ‡	−49·634	+ 3·727	1·80	42.8402	9·1
…	49·020	+11·345	0·95	…	…
*	48·816	− 6·582	1·35	43.8619	10·4
..	48·692	−36·934	1·25	43.8618	10·2
…	48·362	+53·740	1·10	…	. .
51					
*	−47·704	+24·714	1·35	…	
..	47·660	−56·681	− 4	…	
…	47·384	+36·909	0·75	…	…
…	47·106	+41·375	− 5	…	…
…	46·495	−25·451	− 1	…	. .
…	−46·459	+21·071	0·95	…	..
…	46·398	−46·087	− 4	…	.
..	46·382	+35·914	1·05	…	…
…	46·352	−12·301	0·65	…	. .
…	46·148	−17·707	1·05	…	…
61-120					
61					
.	−46·043	+1[illegible]	0·80	…	.
.	45·865	−25·9[illegible]	1·10	43.8620	10·2
.	45·785	+23·1[illegible]	− 5	…	.
*	45·628	+55·20[illegible]	3·00	42.8403	8·1
	45·154	+14·383	0·[illegible]	…	.
	−44·980	−13·[illegible]71	0·70	…	…
.	44·937	−55·6[illegible]	1·40	43.8621	10·0
…	44·592	+19·414	− 3	…	…
…	44·273	−26·372	− 5	…	..
..	43·79[illegible]	−37·895	1·20	43.8622	10·4
71					
S *	−43·562	−41·938	1·8[illegible]	43.8623	9·6
…	43·379	−35·616	1·15	43.8624	10·2
…	43·116	−26·221	− 3	. .	…
…	43·091	+23·242	0·75		…
†	42·401	+44·873	− 3	…	…
…	−41·774	+55·[illegible]73	− 3	. .	…
…	41·556	− 4·296	0·75	…	…
…	41·535	−14·115	0·80	…	…
…	41·500	− 1·154	− 4	…	…
…	41·379	− 5·654	− 5	…	…
81					
…	−41·139	+ 6·762	− 1	…	…
…	41·031	+ 8·794	0·85	…	…
…	40·587	+14·203	− 4	…	…
…	40·030	+43·734	1·30	…	…
…	40·009	+29·196	− 2	…	…
. .	−39·369	+32·253	− 5	…	…
..	39·358	−22·245	0·95	…	…
..	39·105	+21·002	− 1	…	…
*	38·863	−40·372	1·25	43.8625	10·0
…	38·818	+ 4·487	0·70	…	…
91					
…	−38·314	+24·143	− 5	…	…
†	38·284	+32·827	1·10	…	…
*	38·162	−27·363	1·00	43.8626	10·2
*	38·134	−21·9[illegible]	1·80	43.8627	9·6
…	38·067	−29·439	0·65	. .	.
…	−37·911	− 5·195	0·90	…	…
…	37·885	+20·491	− 5	…	…
…	37·216	− 8·[illegible]83	− 5	…	…
…	37·209	− 9·007	0·65	…	…
…	36·942	+37·486	0·95	…	…
101					
…	−36·868	−35·417	0·70	…	…
*	36·576	+37·131	1·20	42.8404	9·8
…	36·067	−18·091	1·00	43.8628	10·4
…	36·055	+50·336	− 3	…	…
…	35·797	−30·603	− 5	…	…
…	−35·583	−58·735	− 5	…	. .
…	35·300	−27·115	− 1	…	…
*	35·092	−11·351	1·80	43.8629	9·6
* [	35·005	+10·776	1·05	…	…
‡	34·760	+22·072	1·00	…	..
111					
…	−34·706	+16·094	− 3	…	…
*	34·655	+13·063	1·60	42.8405	9·8
.	34·508	+36·244	− 1	. .	. .
. .	34·481	+ 8·194	0·70	. .	. .
..	34·3[illegible]	+13·449	− 5	.	…
	−33·996	+ 2·468	1·0[illegible]	42.8406	10·4
..	33·825	− 2·961	− 2	…	..
…	33·746	−53·[illegible]51	− 3	…	..
…	33·553	+53·[illegible]13	− 1	…	..
…	33·[illegible]68	+37·360	0·75	…	…
121-180					
121					
..	−33·445	−49·116	0·95	…	..
…	33·418	+31·750	− 5		..
…	33·414	−58·865	0·75		. .
	33·413	−15·158	0·70		..
…	33·265	+13·921	0·85	.	. .
…	−33·057	− 1·726	− 5	…	..
*	32·989	− 1·637	1·80	43.8631	9·4
…	32·943	+10·265	0·65	…	…
. .	32·886	+ 0·527	− 4	…	…
*	32·815	−54·668	4·00	43.8630	7·2
131					
…	−32·703	−40·403	− 4	…	…
…	32·664	−48·349	0·70	.	…
…	32·602	− 0·688	− 5	…	…
…	32·461	−51·578	− 2	…	…
†	32·248	+ 9·980	0·75	…	…
…	−32·013	−28·532	− 5	…	…
…	31·952	+ 4·656	0·65	…	…
…	31·926	+43·030	− 5		…
S *	31·833	+58·767	2·60	42.8407	9·1
†	31·799	+44·816	− 5	…	…
141					
…	−31·723	− 4·757	− 5	…	…
…	31·714	+20·612	− 5	…	…
…	31·611	−46·897	− 3	…	…
…	31·496	−52·815	0·90	…	…
*	30·417	+ 6·916	1·10	42.8408	9·8
…	−29·901	+48·851	− 5	…	…
…	29·552	−34·686	− 4	…	…
…	29·270	−50·070	0·80	…	…
…	29·260	−30·043	0·90	…	…
…	29·180	−29·819	− 5	…	…
151					
…	−29·176	+ 0·520	0·80	…	…
…	29·076	+47·081	− 1	…	…
*	28·953	+13·022	1·40	42.8409	9·6
…	28·595	−21·560	− 3	…	…
…	28·499	− 5·624	1·00	…	..
…	−28·251	−49·243	0·65	.	…
…	27·776	+40·094	0·85	…	…
*	27·671	+27·572	1·20	…	…
…	27·405	−13·307	0·75	…	…
…	27·293	+ 5·191	− 5	..	…
161					
…	−27·088	−15·501	0·90	…	…
…	27·008	+ 1·198	0·90	…	…
…	26·864	−46·359	− 1	…	…
…	26·723	− 3·300	0·95	…	…
…	26·353	+38·194	1·10	…	…
…	−26·181	−30·200	− 2	…	…
†	25·969	−44·841	0·95	…	…
..	25·819	−43·871	0·80	…	…
…	25·791	+11·445	− 5	…	…
…	25·740	−37·585	− 4	…	…
171					
…	−25·723	+35·136	0·65	…	…
*	25·568	+ 1·371	1·90	42.8410	9·0
N *	25·351	−24·277	1·25	43.8632	10·2
…	25·333	−23·764	0·90	…	…
…	25·239	−30·048	0·75	…	…
…	−24·963	−11·486	0·80	…	…
†	24·739	−26·261	− 1	…	…
…	24·547	+12·486	0·90	…	…
…	23·886	− 9·585	− 4	…	…
S *	23·542	−53·712	3·20	43.8633	7·2

NM measured from 1, No. 201, 324, 434, 552.
ES ,, ,, 49, 147, 257, 3[illegible], 5[illegible], 64.

14. Mass. 42°·111, two stars; 43°·110, mass.
173. Obscures 2nd image of 174.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′.	″.	−2.	No.	Mag.
181–240					
181					
..	−23·431	−38·072	− 1		...
‡	23·417	+29·923	1·25	42.8411	9·8
	23·170	+17·763	− 4	...	..
...	23·166	−25·830	1·00	..	...
...	22·808	+59·008	− 1	...	
.	−22·804	−55·120	1·05	43.8634	10·4
...	22·788	+33·356	− 4	.	.
.	22·772	−12·483	0·70	..	.
..	22·451	+36·500	0·95	...	...
*	22·399	−12·291	1·15	43.8635	10·2
191					
...	−22·365	+40·662	− 3	...	...
..	21·535	+48·920	1·05	.	...
...	21·437	−13·846	− 3	...	.
..	21·383	−31·930	0·85		.
.	21·317	−23·240	− 4		..
*	−21·010	−31·199	1·15	43.8636	10·2
N *	20·887	+54·250	2·00	42.8412	9·0
.	20·788	−10·350	− 5	.	..
.	19·952	−59·387	0·65	.	.
...	19·878	−30·020	− 1	...	...
201					
..	−19·692	+25·951	1·00	..	
..	19·440	+25·387	− 5	.	...
.	19·344	+37·154	0·70		.
...	19·219	+ 3·756	− 4	.	
..	18·890	+ 6·074	− 5		...
...	−18·888	+42·208	− 3	...	..
..	18·809	−20·494	1·05	..	..
...	18·725	−44·322	− 1		.
..	18·063	−17·796	− 5	.	.
...	18·026	+52·262	− 1	..	...
211					
...	−17·901	+18·447	0·70	...	..
...	17·687	−36·555	− 5		...
.	17·575	− 8·100	− 4		..
...	17·348	−22·172	− 5	...	.
...	17·339	+ 2·581	1·00	..	.
.	−17·226	−39·382	− 5	...	...
...	17·060	+ 3·364	0·70		..
...	16·873	−15·602	− 2	...	.
...	16·818	−13·439	− 3		...
...	16·739	+ 2·714	− 5	...	.
221					
..	−16·521	+16·732	− 5	.	...
	16·458	+39·744	− 5		...
*	16·261	+33·228	1·60	42.8413	9·8
	16·254	−28·210	1·00	.	..
...	16·201	+39·551	− 1		.
	−15·949	−13·412	0·65		...
	15·857	+42·155	− 2		
*	15·380	−18·874	1·00	43.8637	10·4
	15·015	− 8·091	0·85	.	
	14·895	−27·014	− 3		
231					
*	−14·629	+17·974	1·00	..	.
‡	14·369	−39·955	0·70	..	.
N	14·106	−10·790	0·80	..	
N	14·088	−10·735	− 1	...	.
.	14·014	− 6·668	0·85		
...	−13·944	−47·816	0·70	..	
.	13·779	+20·402	0·80		.
	13·740	+22·147	0·80		.
.	13·542	− 8·386	0·65	.	.
	13·381	+17·319	− 5	.	

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′.	″.	−2.	No.	Mag.
241–300					
241					
...	−13·221	+20·477	− 5	...	..
...	12·983	−46·666	1·00	...	.
*	12·954	−16·945	1·10	43.8638	10·2
...	12·948	+47·399	1·00	...	...
.	12·719	+25·464	− 5	...	...
	−12·525	−15·415	1·00	43.8639	10·4
.	12·435	+ 9·072	0·70	.	...
*	12·116	+ 2·635	1·00	.	...
.	12·027	−18·121	− 5	..	...
..	11·540	−23·474	− 5	...	.
251					
..	−11·439	+28·516	− 1	...	...
.	11·404	−20·623	0·95	43.8640	10·4
*	10·962	−47·809	3·60	43.8641	7·6
.	10·571	−16·359	0·80	...	...
†	10·523	+34·831	0·65	...	...
*	−10·479	−54·653	3·00	43.8642	8·3
†	9·786	+ 8·959	0·65	.	...
..	9·529	+50·923	1·05	...	...
...	9·508	+45·351	0·70	...	...
...	9·466	+46·968	1·05	...	...
261					
...	− 9·428	−47·908	− 1	...	...
..	8·875	−36·466	− 1	...	
...	8·755	+ 6·786	0·95	...	
..	8·689	−26·014	− 3	...	...
	8·608	+19·848	1·50	42.8414	9·4
S *	− 8·586	−25·672	2·00	43.8643	8·7
*	8·463	−25·508	1·00		
.	8·138	+39·121	0·95	.	...
.	8·099	−22·460	− 2	...	.
...	8·034	−32·915	0·65	.	...
271					
...	− 8·028	+47·997	1·00	...	...
.	7·950	− 7·580	0·75		..
...	7·939	−12·568	− 1	..	..
..	7·759	−35·469	0·75	...	..
†	7·320	−19·940	− 1	.	..
*	− 7·156	−18·442	1·30	43.8644	10·0
.	7·109	−49·547	0·65	...	...
*	7·029	+50·170	2·70	42.8415	7·8
.	6·843	−50·091	0·85	...	..
	6·837	−30·575	0·80		..
281					
*	− 6·693	+30·412	1·05		..
.	6·297	−39·765	0·90		..
...	6·077	+15·974	− 5		..
.	5·942	+27·695	0·70	.	.
...	5·838	−14·514	− 2		...
..	− 5·703	−35·932	− 1		.
	5·474	−25·676	− 1		..
	5·206	−20·871	− 3		..
	5·129	−16·384	− 5	..	.
...	5·076	−33·325	− 5		.
291					
.	− 4·842	−12·324	1·25	43.8645	10·2
..	4·795	− 2·771	0·80	...	..
.	4·670	+30·249	− 3	...	.
	4·466	−38·357	− 5		.
	4·384	− 9·594	− 4	...	.
*	− 4·098	−30·202	1·10	43.8646	10·2
†	4·042	−51·109	0·85	...	.
.	3·960	+44·161	0·65		...
...	3·927	+14·073	0·95		..
.	3·882	−31·189	0·80		.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′.	″.	2.	No.	Mag.
301–360					
301					
*	− 3·628	+20·567	1·00	...	...
..	3·403	−18·657	− 3		...
*	3·115	−34·548	4·10	43.8647	6·9
...	2·792	−54·473	− 4	..	...
..	2·613	+43·018	− 5	...	...
*	− 2·439	−25·375	1·05	43.8648	10·4
...	2·363	+33·024	− 4	...	...
..	2·219	−34·081	0·95	..	...
...	2·027	+31·705	− 5	..	...
...	2·009	+40·753	− 4	..	...
311					
..	− 1·999	−11·173	0·90	..	...
.	1·972	+23·190	− 2	..	...
...	1·554	+53·534	− 3	..	...
.	1·495	+ 3·357	0·95	...	...
...	1·469	−17·134	0·80	...	...
...	− 1·335	−38·874	− 5	.	...
.	1·145	−11·369	− 3	...	...
...	0·575	+24·976	− 3	..	...
.	0·564	+19·170	− 3	..	...
..	0·561	−51·916	− 1	.	...
321					
*	− 0·484	−12·315	1·20	43.8649	10·2
...	0·441	−40·699	0·85	...	...
.	− 0·143	+ 9·222	1·05	...	...
.	+ 0·245	+33·541	0·80	..	...
.	0·286	−34·275	1·00	...	...
.	+ 0·392	−20·998	− 5	...	...
...	0·646	+48·627	0·75	.	..
..	0·680	+50·052	− 1	...	...
...	0·744	−28·669	− 4	...	...
...	0·768	+ 1·471	− 5	.	...
331					
*	+ 0·795	−40·236	1·20	43.8650	10·2
...	0·931	−43·711	− 5	...	...
...	1·005	−19·641	0·85	...	...
...	1·175	+40·952	− 5	...	...
...	1·402	+39·247	− 5	..	...
...	+ 1·473	+22·183	− 4	...	..
..	1·538	+ 0·637	− 5	M m	...
...	1·713	+31·824	− 5	...	..
...	1·721	+13·929	− 5	..	...
..	1·811	+41·715	0·65	...	...
341					
...	+ 1·865	−24·309	0·80		...
...	1·904	+55·706	− 4	.	..
...	2·162	−53·842	− 2	..	...
.	2·260	+ 3·958	− 5	M	...
*	2·326	−17·379	1·50	43.8651	9·8
*	+ 2·355	+46·250	1·20	42.8416	9·7
.	2·472	−43·236	0·90	...	...
.	2·887	−55·065	− 5	.	..
...	2·888	− 4·057	0·80	...	...
*	2·903	+22·010	1·60	42.8417	9·4
351					
...	+ 2·935	−18·702	0·70	..	...
S *	2·983	+36·724	2·60	42.8418	8·2
†	3·030	−29·868	0·70	.	..
	3·041	+ 8·872	− 5	...	...
*	3·231	−36·444	1·00	43.8652	10·2
...	+ 3·485	−51·579	0·80		...
	3·840	−15·552	− 3		.
	3·949	− 2·556	0·95	.	...
*	4·224	+30·749	1·10	42.8419	9·8
	4·413	− 0·326	1·00	43.8653	10·4

167. Nebulosity. 42°111 two stars. 233, 234, 44°111, mass.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−z.	No.	Mag.
361 420					
361					
...	+ 4·527	−20·776	0·85	...	.
...	4·713	− 4·493	0·70	...	..
..	4·875	−43·332	− 5	..	...
...	5·307	+37·202	1·00		...
...	5·368	− 7·229	1·00		...
...	+ 5·402	+10·341	0·65	...	.
..	5·548	+20·665	1·00		
.	5·645	−21·827	− 5		...
...	6·088	−32·175	0·80		.
...	6·557	−24·773	1·00	.	.
371					
...	+ 7·650	−14·223	− 5	...	...
...	7·721	−17·482	− 4	..	..
...	7·839	−31·305	0·80	...	...
*	8·019	−44·345	1·00	43.8654	10·4
...	8·211	+45·190	− 5	...	...
...	+ 8·358	− 5·440	− 4	...	...
*	8·386	−12·322	1·05	43.8655	10·2
*	8·504	+59·274	2·00	42.8420	9·0
...	8·559	− 2·353	− 1	.	...
...	9·067	−21·401	1·00	...	...
381					
...	+ 9·275	+ 6·135	0·70	..	...
...	9·573	+31·380	− 3	...	...
...	9·734	+25·297	0·80	...	...
...	9·847	+47·722	0·75		...
...	9·909	+36·046	− 1	.	...
...	+ 9·952	−38·674	− 5	...	...
...	9·988	+ 4·077	− 4	...	...
†	10·052	+35·745	0·70	.	...
†	10·143	+ 7·882	− 5	*m*	...
†	10·146	+ 8·113	0·90	...	..
391					
†	+10·159	−29·457	1·10	43.8656	10·0
...	10·385	+ 9·024	− 5	*m*	..
...	10·428	+34·639	− 2	...	...
...	10·665	+ 6·765	0·65	...	.
...	10·685	−32·554	− 4	...	
..	+10·740	+26·975	1·00	..	...
...	10·888	+39·726	− 5	...	...
...	10·933	−48·424	0·85	..	.
*	10·992	+11·409	1·05	...	...
...	11·358	+ 3·048	− 5	...	..
401					
...	+11·449	−39·634	− 1	...	...
...	11·812	− 7·710	0·95	...	...
*	12·091	−27·231	1·00	43.8657	10·4
...	12·298	− 8·751	− 5	..	...
...	12·429	−15·965	− 5	...	...
..	+12·736	+34·626	1·00	...	...
...	12·750	−42·410	− 2	...	...
...	12·847	+47·002	0·80	...	..
...	12·877	−59·109	− 1	...	...
*	12·968	+11·275	1·00	..	
411					
...	+13·121	+25·660	− 1	...	...
...	13·189	− 6·027	1·00	43.8658	10·4
*	13·495	+16·114	1·20	42.8421	9·0
*	13·561	+16·179	1·15		
...	13·594	+32·133	0·80	..	...
*	+13·599	+14·232	1·00	...	..
..	13·685	−51·821	− 5	...	...
...	13·939	−32·350	− 2	..	..
...	14·110	−27·577	− 4	...	...
...	14·525	+27·709	0·80	...	...
421 480					
421					
*	+14·900	+52·908	2·00	42.8422	9·2
*	15·092	+36·890	1·20	42.8423	6·4
...	15·188	−48·890	− 4		...
*	15·265	−51·[illegible]	1·25	43.8659	10·2
...	15·631	−25·039	− 4	.	...
.	+15·641	+23·[illegible]	− 5	.	
.	15·979	−28·888	− 4		
*	16·192	+51·911	1·35	42.8424	9·6
†	16·273	−54·808	1·10	43.8661	10·4
*	16·304	− 4·299	1·20	43.8660	10·2
431					
...	+16·750	+17·222	− 5	...	..
S *	16·762	−32·776	1·60	43.8662	9·4
...	16·933	+ 7·364	− 1		...
...	17·171	+45·114	− 4	...	.
...	17·212	+28·394	0·80		..
...	+17·336	+31·606	0·70		...
	17·468	−59·483	− 3		...
..	17·982	−57·058	− 5		.
...	17·995	− 1·736	− 4		.
...	18·117	+31·643	0·80		.
441					
N	+18·181	−58·876	1·15	43.8663	10·4
...	18·307	−52·859	1·05	43.8664	10·2
...	18·393	+46·177	− 5	..	.
N	18·452	−52·350	1·00		.
...	18·462	−51·853	0·65	...	...
...	+18·543	+ 0·838	1·00	43.8665	10·4
...	18·685	+38·891	− 5	.	..
...	19·164	−23·660	− 5	...	...
.	19·174	−27·037	− 3	.	...
†	19·226	−54·892	0·95	...	...
451					
..	+19·314	− 0·563	0·70	.	..
...	19·562	+18·048	− 5		
..	19·881	+53·206	1·05	...	.
†	20·119	+18·419	1·00	...	..
..	20·315	+23·819	− 5		..
...	+20·331	−17·680	− 5	.	
...	20·532	−18·446	0·65	.	...
...	20·894	−27·159	1·00	...	...
...	21·011	+34·104	0·85		...
...	21·084	−54·285	− 5	.	...
461					
*	+21·181	+ 9·447	1·00		...
...	21·420	−57·489	− 5	.	...
*	21·585	+ 5·685	1·00		...
..	21·895	+26·428	0·90		...
*	21·984	+25·600	1·05	...	..
...	+22·094	+37·669	− 5	...	...
*	22·104	+37·816	1·40	42.8425	8·8
	22·107	−26·918	− 4	...	..
...	22·183	−12·249	0·65	..	...
...	22·270	+26·255	1·00		...
471					
.	+22·389	−57·327	− 1		..
.	22·469	+18·977	1·00	..	.
...	22·515	+34·606	− 5	...	...
†	22·530	+ 3·939	1·00		.
...	23·270	+46·008	0·90	...	..
*	+23·303	− 2·050	1·05	43.8666	10·0
S †	23·672	+20·013	2·70	42.8426	8·2
...	24·105	+ 0·916	0·85	...	..
...	24·227	−21·573	− 5	.	...
...	24·273	−22·807	1·00	43.8667	10·4
481 540					
481					
...	+24·737	+37·758	− 5	..	...
.	25·757	−51·349	0·90	...	...
...	25·989	+17·237	− 1	...	...
...	26·504	+26·435	− 5	..	...
†	26·533	−34·821	1·00	43.8668	10·4
	+26·676	+25·844	− 5	..	...
*	26·805	+12·149	1·60	42.8427	9·8
...	27·115	−14·549	0·85	...	...
...	27·130	−48·[illegible]	0·65		...
...	27·273	+ 1·239	− 2	...	...
491					
*	+27·358	+23·196	1·00	...	..
..	27·499	+12·985	− 5	...	...
...	27·747	+31·900	1·05	...	...
...	28·009	+22·419	0·70	.	...
...	28·048	−11·705	0·65	...	...
...	+28·261	−33·365	0·80		...
...	29·048	−43·768	− 5	...	...
...	29·149	−31·962	0·95	...	...
...	29·225	+ 3·396	− 1	.	...
...	29·385	−45·235	0·65	...	...
501					
...	+29·476	−17·396	− 4	...	...
*	29·625	+35·868	1·20	42.8428	9·7
†	30·028	+28·135	0·65	...	...
*	30·146	+16·834	1·00	...	...
...	30·390	−37·656	− 3	...	...
...	+30·595	−52·427	− 1	..	...
*	30·891	+21·191	1·00	...	...
*	31·513	+49·057	1·40	42.8429	9·6
...	31·528	+27·135	1·00	...	...
...	31·549	+16·709	− 2	...	...
511					
..	+31·571	−19·015	0·70	..	...
..	31·608	−25·941	1·00	..	...
..	31·624	− 1·545	− 5	...	...
.	31·704	−24·362	− 2	..	...
†	33·165	− 4·952	− 1	.	...
..	+33·385	+36·817	− 5	..	...
†	33·573	−14·908	0·95	...	...
...	33·635	− 3·690	− 5	...	...
..	33·757	+14·272	1·00	...	...
...	33·784	−14·400	1·00	43.8669	10·4
521					
..	+33·787	−42·034	1·15	43.8670	10·4
...	33·948	+46·113	− 5	..	...
..	34·219	−21·388	− 3	...	...
...	34·404	+14·845	− 3	...	...
...	34·743	+16·952	− 4	...	...
*	+34·855	+20·737	0·95	...	...
	35·027	+ 8·194	1·30	42.8430	9·8
†	35·033	+32·610	0·85	...	...
†	35·085	−39·520	− 3	...	...
...	35·363	+48·773	− 3	...	...
531					
..	+36·004	−58·443	1·15	43.8671	10·2
..	36·037	− 2·233	− 5	...	...
...	36·082	− 2·525	− 4	...	...
...	36·086	−57·106	0·70	...	...
...	36·159	− 5·113	0·85	...	...
...	+37·013	−18·590	− 3	...	...
...	37·077	−30·405	0·95	...	...
...	37·142	+37·128	− 5	...	...
...	37·393	−22·591	0·85	...	...
†	37·431	+54·924	1·30	42.8431	9·8

441. Mass.

444. Obscures 2nd image of 445.

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.

541-580

541					
.	37·487	+40·953	− 3		..
.	37·540	−13·089	− 4		...
.	38·060	−52·589	1·00		.
.	38·537	−35·396	0·75		
.	38·607	−20·126	0·75		...
*	+38·683	−46·653	1·40	43.8672	9·9
	38·901	−37·243	1·00	...	..
	39·292	−35·724	0·95		...
..	39·553	−58·461	1·30	43.8673	10·2
..	39·849	− 3·755	− 4		..
551					
	+39·891	−24·042	0·95	...	...
†	40·030	+59·305	1·00	42.8432	9·8
...	40·155	−14·622	− 1	...	...
*	40·627	+17·096	1·10	42.8434	9·7
*	40·772	+49·666	1·70	42.8433	9·7
	+41·184	− 8·717	0·90	...	...
	41·575	+48·631	− 3	...	...
...	41·622	−33·057	− 4	...	.
*	41·837	+48·529	1·60	42.8435	9·8
*	41·904	− 1·193	1·10	43.8674	10·4
561					
...	+41·933	+26·205	1·00	..	.
...	42·041	+ 7·765	− 5	...	..
*	42·066	− 4·034	1·80	43.8675	9·6
...	42·470	+59·481	− 1	...	...
...	42·475	+12·373	− 3	...	...
*	+42·525	− 3·313	1·80	43.8676	9·6
*	42·613	− 1·981	1·20	43.8677	10·2
...	42·618	− 9·429	0·75	...	...
..	42·794	+44·082	1·00	...	..
...	42·952	+20·119	1·00	..	...
571					
*	+43·133	− 4·181	1·70	43.8678	9·6
...	43·323	+33·595	− 1	..	..
...	43·392	+11·589	0·95	.	..
...	43·609	−42·263	0·95	.	...
†	43·783	+54·817	− 5	...	...
*	+44·235	−28·438	2·00	43.8679	9·3
...	44·299	+51·357	1·10	..	...
...	44·481	+55·611	− 2	..	.
	44·715	+ 5·661	− 5	.	.
..	45·151	− 6·890	− 2	.	.

581-620

581					
	+45·168	−46·410	− 4	.	.
...	45·173	+57·473	− 4		
.	45·470	−15·560	− 5	.	...
..	45·876	−24·659	0·90		
...	45·902	+11·159	− 5		..
...	+46·353	+57·705	1·30	42.8436	9·8
...	46·479	−47·442	− 5	...	..
†	46·621	−39·869	0·80	.	.
.	47·196	−16·364	− 1		
...	47·248	+19·393	− 5	..	..
591					
...	+47·288	−17·661	− 5		...
...	47·306	−19·661	0·65	...	...
..	47·474	−13·748	0·65		...
	47·874	−22·790	− 5		...
*	48·139	−22·161	1·80	43.8680	9·8
*	+48·528	+ 6·648	1·00	.	...
...	48·562	−42·622	1·10	43.8681	10·4
...	48·722	−14·241	− 5	..	.
.	48·873	+54·559	− 1	..	.
...	49·128	+34·205	− 5	.	.
601					
...	+49·202	−16·710	− 5	.	...
.	49·241	+12·390	− 5	...	..
..	49·691	− 3·384	− 4	..	.
..	50·132	+52·139	− 5	.	.
..	50·334	−16·996	0·90	...	...
.	+50·406	+58·094	0·80	...	...
..	50·599	−14·576	0·75	...	...
‡	50·721	−19·988	1·70	43.8682	9·0
...	50·733	− 4·827	− 4	...	...
...	50·797	+ 7·287	1·05	.	...
611					
S *	+51·007	−18·283	1·90	43.8683	9·0
..	51·152	−11·665	0·65	...	..
*	51·349	+ 5·255	1·80	42.8437	9·7
...	51·568	+21·630	− 2	...	...
...	51·703	+21·626	− 3	...	..
..	+52·084	+59·636	− 1	...	.
..	52·125	+ 7·709	0·90		...
	52·227	−36·565	0·85	...	...
	52·397	+55·928	1·35	42.8438	10·2
..	52·463	+33·673	− 3	...	..

621-653

621					
.	+52·578	−46·668	0·65	...	...
...	52·633	−22·240	1·00	43.8684	10·4
...	52·741	−55·676	0·85	...	...
	52·971	−47·255	− 4		.
	53·133	+36·953	1·00	...	...
...	+53·239	+32·663	− 5	...	...
	53·366	+21·501	1·00		...
S *	53·781	+48·213	3·30	42.8439	8·2
..	53·975	+ 6·953	1·15	.	...
...	54·263	+ 4·264	− 5	...	...
631					
.	+54·689	− 7·160	1·05	43.8685	10·4
†	54·795	−59·764	1·05	44.9241	10·4
†	54·935	−39·790	0·90	...	.
†	55·042	−38·213	− 5	.	...
..	55·358	+10·476	− 3	...	..
	+55·495	−31·367	− 5	..	...
	55·517	+22·500	0·90		...
	55·555	−26·279	0·90		...
*	55·973	−32·469	1·80	43.8686	9·4
...	56·226	+ 9·806	− 1		...
641					
.	+56·533	−31·905	− 5	...	...
	57·248	−50·389	0·75	...	...
	57·529	−34·414	2·00	43.8687	8·8
.	57·694	+23·483	1·00	.	...
	58·194	+ 6·355	0·85	..	...
†	+58·500	−29·922	1·00	43.8688	10·4
.	58·838	−23·689	0·95	43.8689	10·2
..	58·890	−23·792	1·05		
...	59·197	−54·555	0·85	...	...
†	59·467	−39·855	1·05	43.8690	10·4
651					
†	+59·627	−19·957	− 1		..
†	59·925	+26·125	0·95	...	...
†	59·963	−33·735	1·00	43.8692	10·4

1-10

1					
	−59·422	+57·521	0·75	...	..
	59·400	+ 1·962	− 2	.	.
	59·361	+47·761	− 4	...	.
...	59·232	−58·583	− 5	.	.
*	59·123	+ 7·166	1·15	...	.
*	−58·990	+55·831	1·60	42.8438	10·2
...	58·874	−17·127	0·90	...	...
.	58·[illegible]	[illegible]·533	− 5		.
	58·854	[illegible]·945	− 1		.
...	58·799	+21·525	0·80	.	.

11-20

11					
..	−58·692	−14·685	[illegible]		...
	58·669	+21·527	0·80	.	...
.	58·[illegible]	21·[illegible]	[illegible]	...	..
*	58·509	[illegible]·[illegible]	[illegible]	42.8437	9·7
	58·405	−20·089	2·00	43.8682	9·0
	−58·385	[illegible]·[illegible]	− 2	..	...
...	58·247	+33·571	0·80	...	...
	58·230	−11·771	0·80		...
...	58·223	−46·690	− 2		.
S *	58·165	−18·381	2·20	43.8683	9·0

21-30

21					
.	−57·926	−43·951	− 5	.	...
...	57·898	+29·201	− 5	...	.
	57·834	+ 7·626	1·00		..
...	57·725	−28·066	− 5		
	57·677	+36·878	1·15		.
	−57·525	+19·298	− 4	.	.
	57·431	+32·582	− 3	...	...
S *	57·371	+48·164	3·00	42.8439	8·2
...	57·284	+24·464	− 5	.	...
...	57·282	−40·318	− 5	...	.

ES measured from 1, 94, 211, 325, 432, 532, 670, 778, 882, 999, 1111, 1213.
NM ,, ,, 50, 151, 264, 376, 483, 626, 726, 827, 949, 1047, 1163, 1254.

Notes.	Co-ordinates. x.	y.	Diam. t.	C.P.D. No.	Mag.
31–90					
31					
.	−57·234	+15·084	− 3	…	. .
.	57·008	+24·641	− 4	…	…
*	56·993	+21·455	1·10	..	.
…	56·949	−38·255	− 4	.	.
..	56·640	+ 6·373	− 5	.	…
*	−56·423	−22·291	1·10	43.8684	10·4
	56·410	−36·630	0·90	.	…
	56·120	−57·737	− 4	.	. .
*	55·945	+ 6·927	1·15	.	. .
…	55·816	−22·040	− 5	…	. .
41					
…	−55·783	−53·322	− 1	…	…
…	55·764	−46·725	0·90	…	…
	55·761	+30·506	− 4	…	…
…	55·565	+ 4·248	− 2	…	…
	55·351	−47·286	0·75	…	…
..	−55·313	−55·710	1·00	…	…
.	55·303	+57·666	− 5	…	…
.	55·300	+56·348	− 5	…	…
	54·965	+ 5·637	− 5	…	…
†	54·881	+22·510	0·85	…	…
51					
†	−54·805	− 7·162	0·95	43.8685	10·4
.	54·672	+10·486	0·95	…	…
..	54·534	+36·546	− 5		…
..	54·318	−53·410	− 4	…	…
…	54·125	+50·819	− 5	…	…
†	−53·792	+ 9·846	0·85	…	…
..	53·644	−21·494	− 5	…	…
…	53·621	−39·775	0·95	…	…
…	53·580	−25·880	− 2	..	…
…	53·547	−38·207	− 1	…	…
61					
…	−53·377	−26·251	0·95	…	…
…	53·291	−31·328	0·80	…	…
..	53·290	−18·570	− 4	…	…
…	53·170	− 6·373	− 5	M	…
…	53·137	−59·738	1·05	44.9241	10·4
…	−53·059	+14·700	− 5	…	…
.	52·878	+ 8·793	− 5	M	…
*	52·785	−32·430	1·70	43.8686	9·4
…	52·776	−12·085	− 5	…	…
…	52·721	+23·560	1·05	…	…
71					
…	−52·699	−36·858	− 5	…	…
	52·677	+15·064	0·85	…	…
…	52·591	+18·144	− 5	…	…
…	52·564	−10·275	0·70	…	…
…	52·435	+25·021	0·80	…	…
…	−52·260	−31·844	0·65	…	…
.	52·168	+26·056	− 5	…	…
…	52·110	+23·757	− 4	…	…
…	51·760	+47·611	− 4	…	…
…	51·713	+ 6·451	1·00	…	…
81					
*	−51·165	−34·325	1·90	43.8687	8·8
…	51·139	−20·596	− 1	…	…
…	50·978	−50·295	1·00	…	…
..	50·793	+51·930	− 5	…	…
.	50·764	+59·110	− 5	…	…
*	−50·580	+26·266	1·00	…	…
..	50·420	+40·998	1·00	…	…
…	50·350	+33·131	0·85	…	…
…	50·350	−29·783	1·05	43.8688	10·4
n	50·192	−23·546	1·00	43.8689	10·2
91–150					
91					
	−50·174	+32·391	− 1	…	…
n *	50·113	−23·566	1·1	43.8689	10·2
.	49·935	−54·519	− 5	…	…
.	49·739	− 1·307	− 1	…	…
.	49·581	− 6·633	− 3	A	…
	−49·548	+40·466	− 5	…	…
S *	49·513	− 2·507	2·90	43.8691	7·6
	49·496	−19·802	0·95	…	…
.	49·469	−47·669	− 4	…	…
…	49·388	+5·310	− 1	…	…
101					
. .	−49·281	−14·889	− 4	…	…
*	49·070	−39·702	1·15	43.8690	10·4
	49·024	+50·310	− 4	…	…
…	48·933	+42·609	− 5	…	…
…	48·933	−27·384	0·65	.	…
…	−48·900	−54·413	0·95	…	…
..	48·868	+34·355	− 5	…	…
*	48·747	−33·571	1·20	43.8692	10·4
…	48·670	+19·118	0·85	.	.
…	48·437	+42·164	− 5	.	
111					
…	−48·435	−11·083	− 5	.	…
…	48·032	+29·463	1·00	.	
…	47·904	−45·405	− 5	.	…
*	47·861	+22·947	1·20	…	.
…	47·717	−16·206	0·65	.	. .
…	−47·716	+51·972	− 4		. .
…	47·660	+ 7·272	1·00	..	.
…	47·657	+ 1·845	− 5	…	…
…	47·428	−10·995	− 5	…	…
…	47·339	− 0·025	− 5	α	.
121					
…	−47·307	−19·193	0·80	…	.
.	47·226	+32·050	− 1	…	…
…	47·047	−18·752	− 4		..
…	47·025	−35·838	0·75	…	..
…	46·915	+12·572	− 1	.	.
…	−46·835	+30·758	− 5	…	.
…	46·772	−24·850	0·70	…	…
…	46·501	−15·887	0·80	…	.
..	46·406	−36·017	− 4	..	..
…	46·396	− 0·913	− 5	…	…
131					
*	−46·278	+ 0·615	1·40	43.8693	9·9
…	46·216	+57·587	− 3		.
*	46·216	+37·998	1·20	…	…
…	46·204	−24·795	− 5	…	…
…	46·116	+10·555	− 1	…	…
…	−46·108	+31·270	− 5	…	…
…	45·953	+ 1·297	− 5	…	…
…	45·919	+35·162	− 5		
…	45·905	− 5·718	0·80		
…	45·651	−38·910	0·85	…	.
141					
…	−45·490	− 0·773	− 5	..	
…	45·451	+52·164	− 4	.	. .
…	45·327	+33·225	0·95	…	…
…	45·173	−37·905	− 3	…	
…	45·142	+24·427	− 5	. .	…
…	−45·113	−22·985	0·65	…	..
…	45·045	−50·474	1·05	. .	.
…	45·014	+10·756	0·65	.	..
…	45·003	−19·785	0·85	.	
*	45·001	−12·538	1·00	43.8695	10·4
151–210					
151					
†	−44·837	−24·881	1·00	43.8694	10·4
…	44·804	− 6·980	0·75	…	.
..	44·747	+58·416	− 5		
.	44·659	+11·025	0·95		…
	44·654	+21·055	0·95		
	−44·578	−47·762	0·70	…	
.	44·480	−22·026	− 5	…	
	44·460	− 3·093	1·00	..	..
.	44·341	−14·376	− 5	M	…
…	43·958	−16·076	− 4	.	. .
161					
.	−43·814	−21·678	1·00	. .	…
	43·756	−18·836	− 5	..	…
.	43·751	+28·263	0·65	…	…
.	43·613	−28·780	− 5	M	…
	43·578	−36·537	0·70	…	..
…	−43·508	−34·049	0·90		…
*	43·492	+14·950	1·10	42.8440	9·9
*	43·462	+14·997	1·00		
.	43·266	−38·361	1·00	…	.
..	43·243	−24·372	0·85	…	.
171					
	−43·165	−24·548	0·80	…	…
.	42·960	+36·127	− 5	…	.
..	42·889	+41·320	− 5	…	…
.	42·683	− 8·258	0·85	. .	.
	42·643	−25·747	0·85	..	.
	−42·573	+28·516	− 1	…	..
…	42·500	+23·630	− 5	…	
.	42·436	+55·5	− 5	…	..
…	42·431	− 6·522	− 4		…
…	42·362	+23·511	0·75		
181					
.	−41·942	+27·442	− 5	…	
…	41·907	−49·910	0·70		
…	41·821	+ 5·168	− 2		.
…	41·773	−17·954	0·65	…	…
†	41·746	+14·684	0·90	…	…
.	−41·713	−22·987	− 5	…	…
.	41·592	−43·333	− 5	..	…
*	41·564	−17·448	1·50	43.8697	9·8
..	41·535	−10·361	0·65	…	.
…	41·476	+ 8·507	0·90	…	…
191					
. .	−41·466	−26·341	0·95	..	…
…	41·430	− 6·004	− 5	…	…
.	41·401	−55·085	1·05	43.8696	10·4
…	40·953	+13·989	− 5	..	…
…	40·940	−48·138	0·65	..	..
	−40·890	−48·565	1·00		
…	40·884	−50·647	− 5	.	…
..	40·779	+21·470	− 5	M	.
..	40·742	+23·005	− 3	…	
…	40·581	−54·292	0·80	…	
201					
…	−40·572	+52·489	− 5	M	…
..	40·463	+39·925	− 3		…
*	40·350	+21·584	1·10	.	
…	40·311	−26·162	− 5	.	..
..	40·206	+56·681	− 5	.	…
	−40·200	+29·643	− 4	.	
…	40·176	−15·453	− 5	.	
…	40·106	−24·556	− 5	.	…
…	40·083	+37·458	0·95	…	…
*	40·032	+ 8·119	1·40	42.8441	9·8

90, 92. C.P.D., missing.

Notes.	Co-ordinates. x	y	Diam.	C.P.D. No.	C.P.D. Mag.
211-270					
211					
*	−37·795	−34·441	1·10	43·8698	10·2
	39·646	− 4·833	− 5	..	...
*	39·418	−20·793	1·15	43.8699	10·4
.	39·421	− 9·424	− 5	M	...
	39·37	−31·663	− 3	..	.
	−39·366	−15·619	0·75	...	
	39·317	+54·465	0·9		
...	39·19	−23·218	0·80	...	...
.	39·121	− 7·579	− 5	.	...
..	39·078	+16·365	− 5		
221					
...	−38·999	−36·595	1·20		
...	38·992	−17·211	0·70		..
..	38·958	+53·842	0·70		..
...	38·811	−36·297	− 5	..	...
..	38·338	55·590	0·75	...	...
..	−38·258	−45·405	0·70		.
...	38·233	−27·549	− 5	..	
..	38·101	+14·344	− 5	...	
...	38·117	+36·232	− 5		
...	38·046	+ 7·472	0·80	...	...
231					
..	−38·006	−46·007	. 5		...
...	37·949	+45·163	− 2	..	
..	37·922	+ 5·...	. 5	...	.
..	37·813	−25·012	− 5	..	..
..	37·739	+21·741	1·00	...	
..	−37·727	+42·619	− 5	...	...
*	37·570	+38·053	1·50	42.8442	10·2
...	37·419	+45·217	− 5		..
	37·399	−24·044	0·90	...	.
...	37·298	−25·266	− 3	.	..
241					
	−37·255	− 4·178	− 4		.
	37·226	+51·130	− 4	...	.
	36·812	−56·409	1·00	.	...
.	36·712	−48·463	1·10		...
	36·458	−18·442	− 1		..
	−36·384	+45·913	0·75		...
	36·375	−47·583	− 5		.
...	36·153	−54·595	0·80		
	36·128	− 5·240	− 4		.
...	36·077	−26·522	− 5	..	.
251					
.	−36·049	−13·960	− 4	...	.
S *	35·88...	−32·657	2·10	43.8700	8·8
...	35·819	−10·912	− 1	...	
*	35·791	−26·969	1·...		
	35·743	+12·962	− 5	...	...
	−35·718	− 4·090	0·65	...	...
...	35·669	+ 0·1·4	− 4	M	
‡	35·34...	+19·734	1·30		
	35·325	+35·335	− 5		.
	35·23...	−13·9·2	− 5		
261					
	−35·145	+27·333	0·95		
	35·141	− 2·507	− 5		
*	35·011	−1·4...	1·00		...
†	34·9...	+28·...	− 5		
†	34·890	−34·897	− 4		
	34·7...	−20·717	0·85		
	34·605	+13·1·4	− 5	...	
..	34·497	−30·653	− 4	B	
	34·4...	+37·867	0·65		
	34·34...	−50·771	...	...	...
271-330					
271					
...	−34·260	−31·123	0·80	...	..
.	34·150	+31·187	− 2		.
.	34·114	+26·439	0·75	.	...
	34·091	− 3·3...	− 5	...	.
..	34·080	− 4·739	− 5	M	.
...	−33·891	+33·263	0·95	...	...
	33·8...	−59·7...	− 5	M	.
	33·660	−41·7...	− 4	...	.
	33·58...	− 2·236	0·80	..	...
..	33·37...	33·112	·70		...
281					
...	−33·333	+16·623	− 5	.	...
.	33·325	−55·9...	0·65	.	...
.	33·211	−51·661	0·65		...
...	33·110	− 4·118	− 2	.	.
	33··54	+12·458	0·70	.	...
	−33·031	−29·357	0·80	...	...
	32·982	+35·924	0·95	...	...
..	32·925	−11·761	0·90	...	...
..	32·922	+13·803	− 5	M	...
..	32·921	+ 3·229	− 3	A	...
291					
	−32·797	+32·696	− 5	..	...
...	32·699	−36·988	− 1	...	...
*	32·670	+29·905	1·60	42.8443	9·7
...	32·528	− 8·981	0·65	.	..
..	32·523	+51·9...	− 5	.	..
.	−32·514	−13·030	0·75	.	...
...	32·448	−24·263	0·75	...	...
...	32·396	−18·265	− 1	..	.
...	32·390	− 1·785	0·85	...	...
...	32·347	+44·1·2	− 5		...
301					
.	−32·303	+56·781	− 5	...	..
...	32·280	+12·439	− 5	...	...
*	32·217	+48·938	2·20	42.8444	9·2
..	32·098	+30·475	− 3		...
...	31·8·3	+34·394	− 4		...
.	−31·852	−45·604	− 5		.
..	31·711	+44·337	− 4	...	..
...	31·688	−59·453	− 4	B	.
...	31·626	+10·953	− 5	M	.
..	31·530	−20·985	0·80		..
311					
...	−31·513	+21·328	0·65		
.	31·513	−24·624	0·70		...
	31·35...	−31·355	1·00	...	...
	31·015	−49·195	1·10	43.8701	10·4
	30·995	+53·6·4	− 5	...	.
	−30·772	− 6·432	− 3	...	.
	30·703	−30·513	0·90		...
...	30·651	+12·634	− 2		.
.	30·388	+13·501	1·00	...	..
..	30·355	+27·066	− 5		
321					
†	−30·266	−55·048	0·95	.	
.	30·196	− 7·831	− 4		
...	30·049	+ 8·708	0·95		
‡	30·011	5·...	− 5		
...	29·748	−52·764	− 3	...	
	−29·5...	−32·5·5	− 4	...	
	29·469	− 8·6...	− 5	...	..
	29·360	12·39...	− 5	M	.
	29·338	+55·802	− 5		...
...	29·179	−58·70...	− 4	..	.
331-390					
331					
*	−29·129	−24·244	1·30	43·8702	9·9
...	29·037	−47·994	− 4	M	...
.	28·933	−30·838	− 5	.	...
.	28·716	− 6·898	− 4		...
...	28·519	+ 9·888	− 3	...	...
*	−28·397	−16·423	4·00	43.8703	6·9
...	28·169	+25·523	− 2	..	...
*	28·104	+ 9·104	1·05	.	...
..	27·928	+59·255	− 5	..	...
.	27·873	− 0·705	− 1	..	...
341					
*	−27·758	+12·042	1·00	...	...
	27·708	−32·803	− 4	...	...
...	27·593	−10·347	− 2		...
...	27·473	−39·378	− 4		.
...	27·305	−43·127	− 5	...	
...	−27·277	+31·666	0·75	...	...
.	27·118	−19·430	− 5	M	...
*	26·971	−14·948	1·25	43.8704	9·9
...	26·963	−29·541	− 4		...
...	26·952	+ 3·828	− 4	.	...
351					
...	−26·861	−22·755	0·75	..	...
...	26·840	+18·470	− 2	...	..
*	26·793	+34·243	1·00	...	...
*	26·630	− 9·841	1·20	43.8705	10·2
	26·569	+41·151	− 5	...	...
.	−26·448	+ 8·474	− 1	..	...
	26·170	+51·213	0·75		...
.	26·142	−20·659	0·65	...	..
..	26·077	−38·312	0·95	.	...
...	26·022	+ 9·632	− 3		...
361					
...	−25·686	−25·003	0·90	..	..
..	25·665	− 3·370	− 5	M	...
...	25·577	−36·485	0·90	...	...
*	25·534	+39·070	2·10	42.8445	8·4
..	25·515	−36·270	− 5	M	...
...	−25·413	+39·445	0·65	...	...
...	25·411	−36·619	0·90	...	...
...	25·337	+ 8·619	− 1	..	...
*	25·326	+33·858	1·05	.	...
...	25·260	−31·059	− 5	..	..
371					
..	−25·124	+58·808	1·05	...	...
...	25·120	−26·182	0·75	...	...
...	25·102	+29·564	− 4	...	...
‡	25·026	+37·033	1·00	...	...
†	24·971	−32·377	− 5	...	..
†	−24·932	+31·513	0·90	...	...
...	24·859	−16·935	− 2	...	...
...	24·704	−17·137	− 5	...	...
...	24·675	+29·113	− 2	...	...
.	24·528	+ 3·342	− 1	..	...
381					
...	−24·526	+ 7·715	0·90	..	..
..	24·395	−11·431	0·80	..	...
..	24·3...	+41·883	− 5	...	...
..	24·251	−55·489	− 5		...
.	24·230	+47·006	0·95	...	..
.	−23·709	−43·510	− 5	...	..
	23·692	+32·330	− 5	M	...
	23·682	−46·859	− 5	M	...
	23·642	−12·744	0·80		...
.	23·5·8	−42·45...	− 5	...	...

391–450

Notes.	Co-ordinates. x.	y.	Diam. −1.	C.P.D. No.	Mag.
391					
...	−23·416	+26·104	− 1	.	..
.	23·337	+57·591	0·75		.
...	23·210	+35·968	0·95		.
..	22·972	−13·700	− 5		...
..	22·918	−37·551	1·00	..	.
..	−22·857	−29·302	0·85	..	.
.	22·662	−20·388	− 5		.
..	22·648	−47·748	− 5		.
..	22·523	−23·818	0·75	.	..
..	22·431	+28·381	0·95		.
401					
..	−22·395	+18·795	− 5	.	...
..	22·368	−13·636	− 5	.	.
*	22·320	+17·341	1·00	...	...
.	22·222	−53·058	0·90	.	...
..	22·182	+ 9·133	− 3	...	
...	−22·097	+26·815	0·70	.	
..	22·061	+43·471	− 4		...
..	21·997	−58·821	− 4		.
...	21·781	+25·278	1·00	...	.
†	21·662	+54·600	− 3		...
411					
...	−21·660	+25·392	− 5	...	..
...	21·639	+21·966	− 5	...	..
N	21·516	+43·554	− 4	.	...
*	21·436	+58·496	3·20	42.8446	8·0
..	21·261	− 7·654	− 5	..	..
..	−21·239	−56·027	− 5	...	..
..	21·115	+30·555	0·75	...	..
.	21·111	+29·025	0·65	...	..
.	21·019	− 3·429	− 5	M	...
...	20·908	+13·348	0·75	...	..
421					
...	−20·842	−11·616	− 5	..	...
..	20·788	+28·263	1·00	...	.
..	20·660	+28·731	− 5	.	.
...	20·659	+22·282	0·80	.	...
..	20·523	+27·690	− 5	.	...
...	−20·500	−46·359	− 5	M	...
..	20·447	− 2·532	0·85	...	..
...	20·435	−42·066	− 5	...	..
*	20·195	−57·704	1·60	43.8706	10·2
...	20·069	−52·460	1·00	.	..
431					
...	−20·055	+22·361	− 4	.	.
...	19·897	+16·410	− 5	..	.
...	19·892	+18·422	− 5	...	..
*	19·599	−25·798	2·70	43.8707	8·2
..	19·572	−13·648	− 2	...	...
...	−19·452	+36·338	0·70	...	
.	19·436	+ 6·646	− 3	..	
‡	19·328	−25·145	1·10	43.8708	10·0
...	19·155	−30·725	0·90	.	.
...	19·131	−30·282	0·95	...	.
441					
..	−19·100	+33·249	1·00		..
...	19·098	−49·125	− 5	. .	..
...	19·042	+ 9·907	0·75	.	...
...	18·801	−53·322	0·70	.	.
...	18·772	+10·731	− 4		...
.	−18·756	+51·973	− 5	..	.
*	18·569	+45·554	1·10	.	..
...	18·478	+13·956	− 4	...	.
...	18·391	− 3·770	− 5	..	..
†	18·332	+49·707	− 3	...	...

451–510

Notes.	Co-ordinates. x.	y.	Diam. −1.	C.P.D. No.	Mag.
451					
*	−18·220	+ 2·138	1·00	42.8447	10·4
	18·017	−36·809	0·85	...	...
..	17·968	−23·334	− 4		
...	17·942	+50·194	− 3		
.	17·762	−10·322	− 5	.	
...	−17·732	+12·377	0·90		..
...	17·642	−58·066	0·80		.
	17·484	− 2·187	− 3		
.	17·413	+37·334	− 5	..	
..	17·391	+ 4·059	− 3	..	...
461					
...	−17·226	−11·996	− 3	..	...
	17·185	−12·385	0·75		...
.	17·183	+31·167	− 3		..
.	17·127	−31·290	− 3		...
..	17·087	−15·333	− 3		.
...	−17·085	+54·975	0·65	...	.
.	17·016	− 5·411	− 4		...
...	16·995	+24·654	− 5	...	.
.	16·748	−42·373	− 5	...	.
..	16·522	+33·886	0·90		...
471					
*	−16·424	−57·403	1·10	..	...
..	16·264	−55·517	− 5		..
.	16·140	+ 9·517	− 5	...	...
.	16·134	−52·911	1·00		...
..	15·853	− 2·080	− 4	..	...
*	−15·750	−35·538	2·70	43.8709	8·2
.	15·532	−53·771	0·85	.	.
...	15·435	−10·375	− 3	...	...
.	15·388	+55·874	− 5	...	
...	15·235	+28·582	0·95	.	.
481					
*	−15·092	−48·325	1·25	43.8710	10·4
‡	15·058	+40·109	1·35	42.8448	10·0
†	14·959	+38·555	0·65	...	.
†	14·935	− 6·918	− 5	..	.
..	14·710	+11·258	− 4	M	...
..	−14·685	+45·789	− 3	.	
.	14·562	+19·309	0·70		...
*	14·509	+20·541	1·30	.	.
..	14·293	+27·507	0·85		.
...	14·213	+26·015	− 3		...
491					
..	−14·203	+22·747	0·75	...	...
*	14·109	+40·907	1·00	42.8449	10·2
*	13·907	+23·967	1·50	42.8450	9·6
.	13·801	+17·788	1·00	...	...
*	13·798	−40·235	1·60	43.8711	9·6
...	−13·711	+56·505	− 5	...	..
	13·626	−55·756	− 1		.
...	13·618	+16·320	0·80		..
...	13·616	−19·678	1·00		.
.	13·528	+20·888	0·80		
501					
..	−13·454	−43·147	0·70	...	.
..	13·402	+39·290	0·70		.
.	13·358	−10·473	− 4		
...	13·339	− 5·772	− 2		...
	13·315	+ 2·177	1		...
†	−13·239	+49·658	− 5		...
...	13·217	+13·474	0·9		...
...	13·186	+24·871	− 5	...	..
..	13·101	−18·209	− 4	.	...
...	12·982	+28·892	− 5	...	..

511–570

Notes.	Co-ordinates. x.	y.	Diam. −1.	C.P.D. No.	Mag.
511					
.	−12·982	+12·770	− 1	...	...
..	12·974	+29·179	− 1		.
...	12·653	−18·682	− 5	.	
*	12·575	+18·530	1·00		...
..	12·547	−24·9[illegible]	0·65	.	
...	−12·518	−12·426	− 1		.
...	12·490	−47·165	0·65	.	...
...	12·422	+ 1·615	0·70	...	.
..	12·383	−34·771	1·00	.	..
*	12·373	−29·767	1·10	43.8712	10·4
521					
...	−12·239	+10·578	− 1	...	..
...	12·131	+ 4·469	− 4	M	.
...	12·102	+12·165	− 2	.	...
...	11·9[illegible]	+51·300	− 5		..
*	11·893	−15·955	1·20	43.8713	10·4
...	−11·888	−42·954	− 4	.	..
..	11·876	+40·655	− 5	...	.
..	11·872	+25·768	0·65	...	.
...	11·854	+ 3·125	− 5	M	.
...	11·682	−27·665	− 5	M	
531					
N *	−11·662	+27·167	1·00	42.8451	9·0
N *	11·654	+27·275	1·00		
...	11·650	− 3·019	0·80		.
...	11·379	− 3·153	− 5		
...	11·321	+28·761	0·80		
...	−11·318	−19·324	− 1		.
*	11·233	+38·703	1·00	...	.
...	11·224	−46·420	− 1		
...	11·146	−27·192	− 5	...	.
...	11·116	+43·034	0·95		
541					
...	−11·106	−14·687	− 5	M	.
...	11·055	+15·589	− 5	...	..
*	10·981	− 4·777	1·40	43.8714	10·0
...	10·981	−19·753	− 5	..	.
*	10·979	+37·027	1·15		..
...	−10·956	+27·401	− 5	M	
..	10·877	+14·939	− 5	M	.
†	10·865	−20·059	0·70	..	.
*	10·820	+24·976	0·95		.
...	10·759	+27·782	− 5	M	.
551					
...	−10·742	+27·363	0·90	.	..
.	10·717	−29·034	− 4		.
.	10·620	+ 2·976	1·00	.	..
	10·543	−29·301	0·65	.	
...	10·433	+25·048	− 5	.	.
..	−10·311	−36·395	0·75	.	...
	10·118	+11·678	− 4	M	..
*	10·102	−24·344	1·50	43.8715	9·6
†	10·059	+19·080	0·80	.	.
†	10·033	+ 5·486	0·75	.	..
561					
..	−10·031	−58·520	− 4		..
S	9·987	+44·495	3·10	42.8453	7·5
...	9·950	+53·683	0·85	...	...
‡	9·948	+ 4·776	1·70	42.8452	9·2
.	9·943	+47·291	− 1	...	.
*	− 9·690	+27·142	1·40	42.8454	9·7
..	9·657	−21·660	− 3	...	
...	9·647	+27·238	− 5		
.	9·626	+51·882	1·05		
.	9·626	−13·721	0·75	.	.

413. Mass. 42 ·112, two stars.

531, 532. 42 ·112 mass.

571 630

Notes.	Co-ordinates.		Diam.	C.P.D.	
				No.	Mag.
571					
...	− 9·446	+ 1·124	− 5	M	...
*	9·258	−10·124	1·25	42.8455	10·3
	9·252	+ 2·536	− 2		
	9·117	+49·644	− 3	...	...
*	9·105	−56·334	2·60	43.8716	8·4
..	− 9·119	−11·338	0·75	.	.
...	9·117	−48·389	− 3		
.	8·836	+58·778	− 1		.
	8·834	− 8·509	− 4	...	...
...	8·548	+ 1·914	− 1	.	
581					
...	− 8·505	−48·667	1·00	43.8717	10·4
	8·481	−11·304	− 4	...	...
	8·410	+38·650	1·20	42.8456	10·2
.	8·343	+20·922	− 5	...	...
.	8·152	− 6·430	− 4		
.	− 8·122	− 8·522	− 3	...	
	8·066	+26·486	0·65	...	..
	7·997	−55·811	0·90		
	7·936	+37·221	0·65		
..	7·860	−58·907	− 4		...
591					
S *	− 7·842	+18·589	2·60	42.8457	8·2
..	7·788	+25·038	0·90	..	...
...	7·782	−26·255	− 4		...
...	7·724	+34·451	0·65	..	...
...	7·572	− 7·535	− 5	M	.
...	− 7·546	+22·104	0·70	.	..
.	7·495	+25·859	− 1	...	...
...	7·469	− 3·749	− 5	M	...
	7·348	+17·305	− 1	.	.
...	7·269	+51·528	− 4	...	..
601					
*	− 7·234	−44·953	0·70	.	...
.	7·090	+11·989	0·75	.	.
...	7·084	+33·112	− 4		..
	7·083	+30·611	− 4	...	...
*	7·066	−24·790	1·00	43.8718	10·4
	− 7·018	−55·536	− 5	...	.
	6·985	− 1·776	1·15	43.8720	10·4
	6·863	−30·128	1·05	43.8719	10·4
...	6·852	+29·432	− 5	...	...
	6·667	+32·908	− 5	..	...
611					
	− 6·442	−57·339	− 5		...
	6·160	−28·706	− 1	..	...
	5·822	+50·782	− 5		..
	5·7[illegible]	−33·649	− 5	...	.
	5·[illegible]	+56·496	− 5	.	...
	− 5·642	+17·471	0·70		..
	5·[illegible]	+36·102	− 1		...
	5·486	+11·816	0·65	...	.
	5·[illegible]	−39·199	1·30	43.8721	9·6
..	5·[illegible]	−52·670	− 5		
621					
...	− 5·232	−42·[illegible]	− 5		..
...	5·194	−58·066	0·85		...
	5·159	−22·386	0·65	..	...
...	5·[illegible]	−46·192	− 5	...	...
	4·[illegible]	−11·582	0·65	...	..
.	− 4·[illegible]	−50·219	1·00		
*	4·486	+26·640	[illegible]	...	
	4·468	[illegible]	− 5	M m	
.	4·422	+40·821	− 5	..	
...	4·[illegible]	+26·843	− 5	M	

631–690

Notes.	Co-ordinates.		Diam.	C.P.D.	
				No.	Mag.
631					
...	− 4·061	−51·[illegible]	− 1	.	...
...	4·014	+33·331	− 5	M m	.
...	3·762	−49·918	− 1	..	...
...	3·685	−21·[illegible]	− 1	m	..
...	3·650	+48·988	− 5	...	...
	− 3·554	− 8·333	0·95	...	...
..	3·472	−39·013	0·85	.	...
.	3·452	−26·292	− 5	.	...
...	3·442	−22·076	0·80	...	...
...	3·421	−53·124	1·00	...	...
641					
...	− 3·101	+28·014	0·80	.	...
	3·041	+42·384	− 5	m	...
	3·028	−23·930	0·90	...	...
...	3·009	+17·640	0·80	..	...
...	2·920	− 9·386	− 2	m	...
...	− 2·836	+50·118	− 4	...	...
*	2·804	−18·966	1·00	43.8722	10·4
..	2·767	−57·785	− 4	...	...
...	2·753	−51·812	− 1	...	...
...	2·602	+ 5·034	− 4	M m	...
651					
*	− 2·414	+ 5·359	1·00	42.8458	10·2
...	2·294	+34·347	0·90	...	...
...	2·238	+42·817	− 4		...
...	2·209	−14·339	− 5	m	...
...	2·038	+22·212	0·65	...	...
...	− 1·804	− 7·924	− 4	M m	...
..	1·713	+ 0·695	− 5	M m	...
...	1·638	+ 9·514	− 4	m	...
...	1·430	−13·884	− 5	M m	...
...	1·350	−55·216	− 5	...	...
961					
*	− 1·344	+31·[illegible]	1·50	42.8459	10·2
..	1·134	−22·799	− 5	...	...
	1·031	+51·049	− 5	...	...
	0·982	−22·252	1·[illegible]	43.8723	10·4
	0·945	+17·162	0·65	...	...
*	− 0·828	+ 3·304	1·00	42.8460	10·2
...	0·510	+30·955	− 2	...	...
...	0·494	− 8·799	− 4	m	...
...	0·444	+ 7·227	0·70	m	...
...	0·373	+26·802	− 5	M m	...
671					
...	− 0·349	+34·649	0·80	.	...
	0·323	+44·227	− 5	...	...
...	0·234	+53·225	− 5	...	...
.	0·175	− 2·616	− 4	m	...
*	− 0·059	−28·709	1·50	43.8724	10·2
*	+ 0·090	−57·204	− 5	...	...
...	0·160	−28·441	− 5	...	...
	0·223	−10·319	− 2	...	...
.	0·235	+19·219	− 5	m	...
.	0·238	+28·393	− 5	m	...
681					
...	+ 0·243	+ 0·009	− 3	M m	...
..	0·357	+ 5·[illegible]	0·70	.	...
.	0·464	+31·798	− 5	...	.
...	0·[illegible]	+15·368	0·95	.	...
..	0·656	+20·124	− 3	...	...
...	+ 0·824	−35·[illegible]	− 3		
	0·858	+28·308	− 5	...	
.	1·052	−5[illegible]	− 5	...	...
	1·069	− 9·193	0·65	...	...
.	1·137	[illegible]	− 1	...	..

691–750

Notes.	Co-ordinates.		Diam.	C.P.D.	
				No.	Mag.
691					
...	+ 1·143	+18·272	0·65	...	...
*	1·170	− 1·585	1·35	43.8725	9·6
S *	1·432	−42·007	2·30	43.8726	8·6
...	1·535	+25·090	− 5	...	..
...	1·605	+57·719	− 1	...	...
...	+ 1·678	−10·955	0·80	...	...
...	1·988	+11·525	− 1	..	...
...	2·098	+29·750	− 5	...	.
...	2·098	−32·604	0·95	...	..
*	2·187	+38·434	1·40	42.8462	9·8
701					
...	+ 2·439	+41·351	− 4	...	...
...	2·494	+50·456	− 5	...	..
...	2·521	+46·253	− 5	...	...
...	2·604	−29·248	− 1	...	...
...	2·620	−14·807	0·70	...	...
...	+ 2·666	−45·178	− 1	...	...
...	2·861	+17·652	− 5	M	...
*	2·881	+12·616	1·00	...	...
...	2·952	+40·218	− 4	M	...
...	3·030	+40·182	0·90	..	...
711					
...	+ 3·046	+ 4·029	− 1	...	...
...	3·088	−23·597	− 5	...	...
...	3·241	+ 5·628	− 2	...	...
...	3·715	+47·970	− 2	...	...
...	3·746	−20·427	− 3	...	...
...	+ 3·761	−15·874	− 1	...	...
...	3·859	−36·656	− 4	...	...
*	3·861	−38·689	2·60	43.8727	8·2
...	4·092	−51·197	− 1	...	...
...	4·137	−21·232	− 4	M	...
721					
...	+ 4·145	+21·961	0·75	...	...
...	4·180	− 8·432	− 4	M m	..
...	4·365	−56·157	0·65	...	...
...	4·691	+ 2·896	0·65	...	...
...	4·693	+26·155	− 2	...	.
...	+ 5·322	− 4·657	− 5	m	...
...	5·326	−18·321	0·70	...	...
...	5·465	−12·978	0·80	...	...
*	5·609	+ 0·942	1·60	43.8728	10·2
...	5·612	−38·435	0·85	...	...
731					
...	+ 5·624	+51·569	− 5	...	...
...	5·669	+17·871	0·70	...	...
...	5·694	+14·562	0·80	...	...
...	5·776	−10·254	− 4	...	...
...	5·857	+25·468	− 4	m	.
...	+ 5·964	+17·741	0·80	...	...
...	6·262	+22·131	− 5	...	...
...	6·287	−16·934	0·80	...	...
...	6·352	+ 7·069	− 1	h	...
...	6·426	−22·922	0·70	...	...
741					
...	+ 6·599	−28·410	0·65	...	...
...	6·682	+23·019	0·80	...	.
...	6·693	−13·832	0·65	..	.
.	6·860	−52·333	− 5	...	.
...	6·961	−58·415	1·00	...	...
...	+ 7·042	−38·899	− 5	...	...
.	7·181	− 4·931	0·70	..	...
*	7·224	−37·665	1·60	43.8729	9·6
*	7·265	−17·051	1·30	43.8730	10·2
...	7·286	−19·280	0·70	...	..

751-810

Notes.	Co-ordinates. x.	y.	Diam. t.	C.P.D. No.	C.P.D. Mag.
751					
...	+ 7′352	+40′581	− 5	.	...
...	7′443	−12′864	0·80	...	...
...	7′447	+11′154	− 5	*m*	...
...	7′510	+ 4′464	− 5	*m*	...
*	7′525	+37′930	1·10	42.8463	10·2
...	+ 7′769	− 6′085	0·75	..	...
...	7′822	+58′911	− 5	..	...
...	7′934	+25′509	0·90	...	...
*	8′070	−57′779	1·10	43.8731	10·4
...	8′220	+38′500	− 5	...	...
761					
...	+ 8′407	+41′555	0·75	...	...
...	8′411	+30′789	− 5	*m*	...
...	8′446	−39′318	− 5	...	...
.	8′583	+16′111	− 5	*m*	...
*	8′616	+54′175	1·40	42.8464	10·2
...	+ 8′886	+30′735	0·80	...	.
...	9′056	+43′126	− 5	..	
...	9′146	−28′699	− 5	*m*	...
...	9′191	+ 9′269	0·80	..	.
...	9′199	+56′778	0·70	...	...
771					
...	+ 9′423	+ 5′962	0·90	...	...
*	9′626	+59′465	1·05	42.8465	10·2
...	9′631	+13′312	0·75	...	...
...	9′660	+54′566	− 5	*m*	...
...	9′668	−22′664	0·85	...	...
...	+ 9′743	+41′210	0·95	...	...
...	9′755	−57′027	− 5	*m*	...
‡	10′020	− 6′651	1·20	43.8733	10·0
...	10′091	+43′807	− 4	...	...
*	10′093	− 5′413	1·00	43.8735	10·4
781					
*	+10′102	−45′302	1·25	43.8732	9 9
...	10′166	+41′793	− 5	...	...
*	10′170	−19′402	1·30	43.8734	9·9
*	10′237	−28′183	1·00	...	...
...	10′381	−32′440	− 5	...	...
...	+10′407	+39′018	− 4	...	...
...	10′455	− 8′524	− 4	...	..
...	10′494	+ 5′555	− 5	...	...
...	10′550	− 3′923	0·90	...	...
...	10′628	− 0′523	− 4	...	...
791					
*	+10′724	−28′894	1·60	43.8736	9·6
...	10′768	−13′003	− 4	...	...
...	10′818	−22′544	− 2	...	...
...	10′838	−31′941	− 4	..	...
*	10′893	+13′353	1·00	...	...
...	+10′983	+40′214	− 4	.	...
...	11′087	− 9′947	− 4	...	...
...	11′113	−32′530	− 4	...	..
..	11′134	+ 0′950	0·85	...	...
..	11′375	− 6′017	− 2	...	...
801					
...	+11′496	−21′240	− 4	...	...
	12′373	+28′691	− 5	...	...
*	12′400	+32′786	1·00	..	...
...	12′405	− 0′208	0·90	...	...
*	12′462	−16′826	1·40	43.8737	9·8
	+12′478	+33′062	− 4	...	...
...	12′621	−28′541	0·65	...	...
...	12′656	−47′889	1·00	43.8738	10·4
..	12′673	−40′683	− 5	...	...
*	13′008	−56′882	1·05	43.8739	10·4

811-870

Notes.	Co-ordinates. x.	y.	Diam. t.	C.P.D. No.	C.P.D. Mag.
811					
...	+13′077	−18′996	− 1	...	...
*	13′226	−57′949	1·05	...	...
..	13′240	−46′271	− 5	...	.
...	13′446	− 6′848	− 5	.	...
...	13′463	+17′372	− 3	.	...
...	+13′746	−36′218	− 3	.	..
.	13′821	−24′547	− 1		...
...	13′994	+ 7′175	− 4	...	..
*	14′082	+ 8′891	1·50	42.8466	9·5
...	14′104	+12′459	0·85	...	...
821					
*	+14′345	+16′858	1·15	42.8467	9·9
*	14′465	− 2′991	1·00	43.8740	10·4
...	14′498	−12′824	0·85	...	...
...	14′538	+13′134	− 4	..	
...	14′769	+52′367	− 2	...	...
..	+14′826	−11′167	− 4	..	...
...	15′043	+ 6′716	− 2	...	...
...	15′049	+16′448	− 1	...	...
...	15′248	−18′881	− 5	*m*	...
...	15′260	+18′713	− 4	...	...
831					
*	+15′303	−15′434	1·05	43.8741	10·4
...	15′413	+ 3′504	0·70	*a*	...
...	15′462	−34′324	− 1	...	.
...	15′633	+37′131	− 5	*m*	...
...	15′653	+29′675	− 5	...	...
...	+15′889	−51′940	− 1	...	...
...	15′913	−44′534	1·00	...	...
...	16′001	− 0′267	− 5	*m*	...
...	16′013	−35′652	0·80	...	...
...	16′066	− 6′903	− 4	*m*	...
841					
...	+16′121	+40′717	0·75	...	. .
...	16′171	+10′483	0·70	...	...
*	16′291	+19′392	1·10	42.8468	10·0
...	16′445	+19′490	− 3	...	...
...	16′450	−41′589	0·80	...	...
...	+16′466	+50′674	− 5	...	...
...	16′472	− 8′231	0·80	...	...
...	16′587	−49′136	0·80	...	...
...	16′694	+ 0′461	0·65	...	...
*	16′796	+ 9′500	1·00	...	...
851					
...	+16′880	−21′395	0·80	...	...
...	16′976	− 3′190	− 5	*m*	...
...	17′326	+54′011	− 5	...	...
...	17′446	−11′291	− 3	..	...
...	17′452	+ 9′657	− 5	*m*	...
...	+17′523	−27′054	− 1	...	...
...	17′687	−39′428	− 5	*m*	...
..	17′866	+34′628	− 4	...	..
..	18′091	+39′526	− 3	...	...
.	18′106	−39′177	0·80	...	...
861					
...	+18′189	+13′515	0·90	.	..
...	18′262	+29′341	− 5	..	...
*	18′273	+21′272	1·00	...	..
.	18′315	+55′867	− 5	...	..
..	18′340	−48′714	0·95	..	.
..	+18′350	−25′163	− 5	...	...
..	18′480	− 4′878	0·75	...	...
..	18′487	−55′373	− 5	...	.
.	18′512	+25′959	0·65	...	..
...	18′764	−16′956	0·90	...	...

871-930

Notes.	Co-ordinates. x.	y.	Diam. t.	C.P.D. No.	C.P.D. Mag.
871					
..	+18′974	+42′464	− 4	...	...
.	18′974	−41′817	0·90	...	...
.	19′156	+10′635	0·70	..	...
...	19′265	+22 652	0·85	.	...
...	19′412	− 9′741	0·80	...	...
...	+19′436	−55′318	− 1	.	...
..	19′449	+12′531	0·80	...	...
.	19′559	+52′854	− 1	...	...
...	19′603	− 0′690	− 4	..	...
...	19′617	−33′293	0·80	..	...
881					
‡	+19′863	+ 3′598	1·30	42.8469	9·7
...	20′031	+ 0′152	− 5	*m*	..
...	20′072	+22′754	− 3	...	...
...	20′097	−17′320	0·75		...
...	20′108	−24′276	− 2	...	...
..	+20′134	+14′974	− 5	..	...
..	20′233	+53′241	1·00	...	...
...	20′313	+ 5′342	0·75	.	...
...	20′380	+48′694	1·05	...	...
...	20′652	+17′045	0·80	...	...
891					
*	+20′655	−11′512	1·00	43.8742	10·4
†	20′759	+34′812	0·90	...	...
...	20′778	+53′810	0·95	...	...
...	20′833	− 9′457	0·90		...
...	20′951	+39′506	0·70	...	...
...	+20′991	−23′133	− 2		...
*	20′996	+12′386	1·00	...	...
...	21′023	−13′775	0·90	...	...
*	21′155	+42′191	1·40	42.8470	9·9
...	21′173	+ 3′053	0·85	...	..
901					
...	+21′193	+28′343	0·80	...	.
...	21′218	+32′147	0·80	...	...
*	21′260	+ 7′160	1·00	..	.
...	21′271	−44′640	− 4	...	
...	21′296	−21′611	0·95	...	..
*	+21′447	−47′128	1·20	43.8743	10·2
...	21′481	+52′919	− 5	...	...
...	21′484	+ 1′369	− 5	*m*	...
...	21′486	−21′657	− 4	..	...
...	21′552	+17′535	− 3	...	...
911					
...	+21′553	−26′881	− 5	*m*	...
...	21′590	−45′573	− 5	...	...
*	21′772	− 6′331	1·15	43.8744	10·4
...	21′779	−57′098	− 2	...	...
...	21′780	+50′298	0·75	...	..
*	+21′877	+ 3′613	1·00	...	..
...	21′965	−41′624	− 4	...	...
...	22′212	− 4′396	0·70	...	...
..	22′218	+ 6′722	0·90	...	...
...	22′333	− 5′420	− 5	*m*	..
921					
.	+22′404	+53′872	− 4	..	...
	22′423	+ 6′428	− 2	...	...
..	22′442	−38′579	− 5	*m*	..
..	22′487	+27′957	− 5	...	...
*	22′524	−42′899	1·00	43.8745	10·4
...	+22′574	−35′132	0·80	...	...
*	22′615	+23′136	1·15	42.8471	10·2
..	22′782	+36′490	− 5	...	..
.	22′808	−15′647	− 5	.	..
..	22′871	+19′366	− 5	...	.

931–990

Notes.	Co-ordinates. x	y	Diam. − 1.	C.P.D. No.	Mag.
931					
...	+22·942	−32·801	−·75	..	...
...	23·[illegible]	+45·634	1·00		
...	23·421	+13·[illegible]	− 5	...	
...	23·425	+ 2·677	0·70	..	
...	23·501	+55·[illegible]	− 3	..	..
...	+23·[illegible]	−46·291	− 5	...	.
...	23·[illegible]	+34·050	− 5	...	...
...	23·[illegible]	−22·024	1·00	..	..
...	24·068	−52·649	− 4	...	..
...	24·075	+ 4·367	− 4	...	..
941					
...	+24·149	+39·371	0·65	...	...
.	24·240	−32·391	0·95	.	...
...	24·303	+ 0·734	− 2	...	..
...	24·318	−11·895	− 3	...	.
...	24·352	−41·055	− 3	...	..
...	+24·419	+45·069	1·05	...	..
*	24·621	−45·574	2·00	43.8746	9·1
...	24·772	−23·527	− 1	...	..
.	25·027	− 7·976	− 1	a	..
...	25·126	+ 8·522	0·70	..	...
951					
..	+25·235	−24·947	0·65	...	..
...	25·355	+55·830	− 5	...	.
..	25·527	−34·096	− 5	m	..
	25·537	+25·173	− 5	m	..
..	25·540	− 2·538	0·65	..	...
..	+25·736	−50·060	− 5	...	..
...	25·765	+34·270	− 4		...
.	25·780	−41·954	0·70	...	...
	25·821	+47·919	− 5	...	...
...	25·838	+53·059	− 1	...	...
961					
..	+25·855	+27·032	0·90	..	.
...	25·923	−27·65[illegible]	− 5	.	...
	26·215	−37·780	0·80	.	..
...	26·533	+16·948	0·70		...
.	26·572	−12·123	− 5	..	...
*	+26·773	+51·149	1·00	42.8472	10·0
S *	26·792	+19·344	2·90	42.8473	8·2
...	26·942	+42·623	0·90	...	.
..	27·239	−10·962	− 5	...	...
.	27·248	+15·547	− 5	...	.
971					
...	+27·250	−27·236	− 4	...	...
.	27·422	−54·042	− 5	..	.
...	27·503	−54·566	1·10	43.8747	10·4
*	27·630	+21·136	1·20	42.8474	10·2
	27·744	−23·703	0·90	...	...
	+27·760	+26·615	0·85		.
	27·880	−18·294	0·75	...	.
...	27·956	−25·613	− 4	...	...
.	28·110	−28·406	− 5	m	
.	28·118	+25·839	− 5	m	
981					
	+28·265	−44·471	− 1	..	
	28·371	−12·381	0·75	...	.
...	28·622	− 2·192	− 5		...
	28·638	− 9·206	0·65	.	
...	28·720	−30·272	− 5	...	
	+28·847	−54·375	1·00	43.8748	10·4
...	28·960	−26·935	− 4	.	
...	28·984	−33·628	− 1		
...	29·017	−40·307	0·65	..	
...	29·198	+13·804	− 5		

991–1050

Notes.	Co-ordinates. x	y	Diam. 1.	C.P.D. No.	Mag.
991					
...	+29·484	−33·[illegible]	− 4		...
.	29·535	−42·25[illegible]	− 5	m	..
	29·564	−29·239	− 5	m	.
.	29·657	+10·485	0·75	.	.
	29·721	+48·195	− 1	...	.
..	+29·779	+ 9·209	− 4	...	..
*	29·792	− 9·763	1·15	43.8749	9·9
.	29·797	+ 0·671	0·70	...	...
.	30·123	−35·324	− 3	...	..
...	30·255	+25·318	0·95		...
1001					
.	+30·326	+3[illegible]·923	− 5	.	.
.	30·423	+24·396	0·90	.	.
.	30·683	−34·664	− 2		
...	30·744	−30·939	0·90		
.	30·818	− 9·804	− 1	...	
...	+30·827	−51·085	− 5	..	...
.	30·958	+16·018	0·85	...	
...	30·969	−32·212	0·75	.	
..	31·005	−29·174	0·75	..	...
...	31·032	+41·265	− 5	.	...
1011					
...	+31·132	−29·044	− 2		...
...	31·211	− 4·303	− 5	m	...
...	31·250	−56·858	− 3	...	..
	31·385	−54·476	0·95	.	...
...	31·491	−48·577	0·85	...	...
...	+31·572	+15·206	− 4	.	.
	31·602	−53·893	− 5	..	...
.	31·793	−32·273	0·90	...	...
*	31·971	−59·418	1·25	44.9298	10·2
...	31·987	−43·691	− 5	...	...
1021					
.	+32·231	−16·331	0·90		...
...	32·317	+15·936	− 4	...	...
...	32·549	− 9·037	− 2	.	..
...	32·643	− 1·464	− 4	m	...
...	33·004	−22·324	− 4	..	...
...	+33·162	−36·238	− 5		...
...	33·172	+19·696	− 5	...	.
..	33·345	−48·4[illegible]9	1·05	..	...
	33·514	+55·942	1·25	42.8475	10·2
.	33·519	+33·561	0·90	.	...
1031					
...	+33·573	+14·700	− 2		.
*	33·605	+15·410	1·90	42.8476	9·2
...	33·627	−22·484	0·90	.	
	33·632	−17·198	− 2	..	..
	33·632	−30·571	− 4		
...	+33·663	−48·937	1·05		...
...	33·859	+35·602	0·90		...
	33·886	−10·870	− 5		...
*	33·898	−50·087	1·40	43.8750	10·0
.	34·486	−32·808	− 1		...
1041					
.	+34·552	−28·297	− 4		.
	34·561	−32·911	− 4		
	34·605	+15·186	− 4		
...	34·65[illegible]	+27·801	− 5	...	
	34·820	−38·564	− 3		
	+34·844	+16·826	− 2	...	...
	34·938	+42·566	1·20	42.8477	10·2
	35·038	+19·851	0·80	...	
	35·058	−48·685	− 3		...
	35·[illegible]	−44·6[illegible]	− 5		...

1051–1110

Notes.	Co-ordinates. x	y	Diam. − 1.	C.P.D. No.	Mag.
1051					
...	+35·261	− 6·173	− 5	m	.
..	35·358	+ 7·079	0·70	..	
...	35·372	− 1·743	0·70		. .
...	35·645	−23·653	0·70	..	. .
...	35·657	−51·670	− 5	..	...
*	+35·828	−43·442	1·40	43.8751	10·2
.	36·069	−47·472	− 3	.	. .
...	36·147	+26·033	0·70	.	
	36·183	−39·911	− 5		...
.	36·315	−18·282	− 5	m	...
1061					
..	+36·408	+ 8·534	− 3	...	...
...	36·418	+23·877	− 5	m	
...	36·511	+ 7·276	− 5	m	...
...	36·550	−50·558	0·95	.	...
...	36·759	+36·332	− 5		...
.	+37·031	−51·031	− 4	..	...
.	37·042	+ 1·810	0·75		..
.	37·070	+29·415	0·75		...
...	37·076	+32·659	0·75	...	..
..	37·381	−33·672	− 4	...	...
1071					
..	+37·392	−10·933	0·65	...	...
*	37·488	− 4·072	1·40	43.8752	9·9
...	37·497	−17·940	0·90	...	...
.	37·595	+33·954	− 3	...	...
.	37·643	+32·750	− 5	..	...
...	+37·666	−57·623	− 3	.	...
*	37·758	+58·726	2·60	42.8478	8·7
...	37·873	+29·595	0·80	...	...
*	37·883	−50·407	1·60	43.8753	9·6
...	37·890	+58·589	− 5	...	.
1081					
...	+37·914	− 9·646	0·75		...
..	37·948	+45·603	− 5	.	..
*	37·974	+56·616	1·60	42.8479	9·8
...	37·978	+48·914	1·10	...	...
..	38·068	+45·041	− 2	...	.
..	+38·077	+17·934	− 5	..	...
	38·086	−44·636	− 5	m	
..	38·201	−45·602	− 2	..	...
.	38·361	+17·467	− 5	...	.
...	38·398	−40·734	0·85		..
1091					
...	+38·434	+43·061	− 5		...
..	38·437	−29·352	0·65		..
...	38·443	+39·225	− 4	..	...
	38·472	−31·163	− 5	..	..
.	38·473	+22·303	0·65	..	...
.	+38·753	−37·962	0·80	...	...
...	38·860	− 8·051	− 2	...	...
*	38·878	+42·312	1·40	42.8480	9·7
.	38·878	−33·317	− 5	m	...
...	38·901	+ 3·214	0·65	...	
1101					
.	+39·100	+10·056	0·80		
...	39·191	−57·540	0·65		...
...	39·311	+29·076	− 5	...	..
*	39·357	+28·145	2·40	42.8481	8·6
...	39·359	+50·525	− 1		...
...	+39·401	+ 7·625	− 5	...	...
	39·563	+50·605	− 5	...	..
...	39·607	−58·275	− 5		.
.	39·759	+ 2·132	0·70	...	...
	39·776	+12·558	− 5	m	.

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1111-1170					
1111					
..	+39·983	+32·765	0·75	..	...
...	40·030	−40·866	− 1	...	...
..	40·039	+58·773	1·15	...	...
.	40·139	−16·260	0·95	...	...
...	40·206	+ 6·505	− 5	m	...
*	+40·258	+24·382	1·05	42.8482	10·2
...	40·293	−28·763	− 3	...	...
...	40·706	− 5·930	− 4	...	...
...	40·846	−18·816	− 5	.	...
...	40·848	+47·449	− 4	..	..
1121					
...	+40·892	+30·286	− 5	..	...
.	40·941	+17·735	− 5	...	...
..	41·067	+29·327	− 4	...	...
*	41·120	−15·731	0·95	...	...
*	41·191	−19·247	1·20	43.8754	10·0
*	+41·542	+ 9·223	1·35	42.8483	9·8
..	41·602	−36·743	− 5	.	...
.	41·737	+55·923	− 3	...	...
.	41·747	−36·719	− 5	...	...
..	41·766	−15·636	0·75	...	...
1131					
...	+41·779	+31·032	− 4	...	...
*	41·896	+51·686	1·35	42.8484	10·2
...	41·953	−46·677	0·75	...	...
...	41·976	+58·974	0·95	...	...
...	42·028	−10·477	0·65	...	...
...	+42·117	+52·784	− 5	...	...
...	42·230	+14·662	− 5	...	...
*	42·349	+21·730	2·80	42.8485	8·0
...	42·737	+52·114	0·90	..	...
...	42·820	− 3·956	− 3	...	...
1141					
...	+42·930	− 32·442	0·90	...	...
...	42·983	+ 8·345	− 2	...	...
...	43·118	−26·791	0·75	...	...
...	43·185	+35·500	− 4	...	...
S *	43·187	+19·620	3·20	42.8486	7·3
...	+43·274	−38·945	1·00	...	...
...	43 310	+48·366	0·75	...	...
*	43·311	− 5·425	1·05	43.8755	10·4
...	43·487	+35·713	− 3	...	...
...	43·571	−11·753	0·65	...	..
1151					
...	+43·599	−34·612	0·75	...	...
...	43·730	−36·737	0·65	...	...
...	43·781	− 2·825	0·90	...	...
...	43·849	+42·325	0·65	...	...
...	43·892	+ 9·185	− 4	..	...
*	+43·979	−50·818	1·35	43.8756	10·2
...	44·087	+57·241	− 1	...	...
...	44·250	−23·997	− 5	...	...
...	44·297	+57·426	− 5	...	...
...	44·354	+22·057	− 5	...	..
1161					
...	+44·397	−44·202	0·70	...	...
†	44·741	+53·786	0·95	...	...
...	45·199	− 6·535	0·80	...	..
...	45·322	+31·988	0·65	...	...
...	45·390	+ 7·358	− 4	...	...
...	+45·543	+12·911	− 5	...	...
...	45·567	+30·163	− 5	...	...
...	45·611	+18·852	0·75	...	...
...	45·687	−53·400	0·90	...	...
...	45·739	−25·965	0·90	...	...
1171-1230					
1171					
...	+45·794	+20·327	− 5	...	...
...	45·813	+48·324	0·95	...	...
.	45·994	+ 9·955	0·80	.	.
.	46·101	+33·018	− 5	...	...
.	46·104	− 9·358	− 5	m	...
...	+46·412	+48·644	1·00	42.8487	10·2
*	46·436	+26·036	2·70	42.8489	8·6
S *	46·497	+47·517	2·60	42.8488	8·6
...	46·716	+32·865	0·95	...	...
...	46·860	−49·223	− 5	...	...
1181					
*	+46·920	−10·802	1·05	43.8757	10·4
*	46·949	+58·475	3·00	42.8490	7·9
...	47·463	+ 6·647	0·80	...	...
...	47·624	+ 7·519	− 5	..	...
...	47·630	+25·482	− 5	...	...
*	+47·797	−13·893	1·10	...	...
...	47·809	+55·818	− 1	...	...
*	47·828	+38·495	1·00	...	...
...	47·834	+25·822	0·90	...	...
...	47·935	−22·016	− 5	m	...
1191					
...	+47·952	−33·671	− 5	m	...
...	47·957	− 9·209	− 5	m	...
...	48·003	−10·268	− 4	...	...
...	48·015	+22·641	− 4	.	...
..	48·094	+39·452	− 5	...	...
...	+48·270	+51·611	1·20	42.8491	10·2
...	48·482	+44·674	− 5	..	...
...	48·597	−17·873	− 5	...	.
...	48·615	+36·969	− 2	...	...
...	48·654	−18·096	− 5	...	...
1201					
...	+48·680	+17·247	1·10	...	...
...	48·741	+25·896	1·15	42.8492	9·8
...	48·840	+ 1·567	− 1	...	..
...	49·061	+33·342	0·90	...	...
...	49·089	−42·515	− 5	...	...
...	+49·196	+43·915	1·10	...	...
S *	49·332	−53·815	3·25	43.8758	7·8
...	49·434	+18·050	− 5	...	...
...	49·482	+37·925	0·65	...	...
...	49·576	−31·192	0·80	...	...
1211					
...	+49·686	+24·590	− 1	..	...
...	49·750	+ 0·274	− 5	..	...
...	49·989	+37·922	− 2	...	...
...	50·134	+29·965	0·90	...	...
...	50·189	−26·668	− 5	...	...
...	+50·218	−20·236	1·00	...	...
...	50·275	− 2·883	− 2	...	...
...	50·344	− 8·737	− 3	...	...
...	50·436	−21·079	− 5	...	...
N	50·462	−25·939	− 3	..	...
1221					
N [	+50·480	−23·921	1·00	...	...
...	50·647	+41·294	− 4	...	...
...	50·680	+ 0·602	− 2	...	...
...	50·710	−25·107	− 4	.	...
...	50·908	+13·659	− 4	...	...
...	+50·933	+37·237	1·25	...	...
...	50·939	+12·969	0·80	...	...
...	51·046	−16·010	0·65	...	...
...	51·056	−31·320	0·95	...	...
...	51·173	+19·596	− 5	...	...
1231-1289					
1231					
...	+51·178	−30·600	1·00	..	...
...	51·357	−33·579	0·90	...	...
...	51·498	− 9·807	0·75	...	...
*	51·547	+17·205	1·70	42.8493	9·4
...	51·708	−31·993	− 1	...	...
..	+51·887	+44·412	− 1	..	...
...	51·954	−16·237	− 5	...	...
...	52·287	− 4·803	0·75	...	...
...	52·461	+27·600	0·95	..	...
...	52·998	+ 1·607	1·00	.	...
1241					
...	+53·069	+41·010	1·15	..	...
...	53·112	− 13·775	− 5	...	...
..	53·214	+ 8·089	0·90	...	...
...	53·496	−26·022	1·00	43.8759	10·4
...	53·954	−16·175	− 5	...	...
...	+53·960	+ 0·572	− 4	...	...
...	54·117	− 1·577	0·80	...	...
N [	54·206	−21·563	0·90	...	...
...	54·241	−20·389	0·65	...	...
...	54·608	−34·470	− 4	...	...
1251					
*	+54·641	−26·737	1·10	43.8760	10·4
...	54·658	−15·208	− 5	m	...
...	54·717	+13·260	− 5	...	...
...	55·109	+23·017	− 5	...	...
.	55·173	+ 3·202	− 5	m	..
...	+55·448	−55·092	0·90	...	...
...	55·609	−32·467	− 5	...	...
...	55·708	+18·481	− 5	...	...
...	55·792	−22·984	− 1	...	...
...	55·928	− 3·680	− 5	...	...
1261					
...	+56·169	−23·760	0·90	...	...
...	56·231	+10·338	− 4	...	...
...	56·304	− 4·272	− 5	...	...
...	56·608	+ 5·630	− 5	..	...
...	56·860	+44·556	− 3	..	...
..	+56·901	− 8·856	− 3	..	...
...	57·133	− 52·579	− 4	...	...
...	57·142	+29·960	− 3	...	...
...	57·186	+30·500	− 5	...	...
...	57·227	−49·418	− 5	...	...
1271					
...	+57·227	−31·557	− 3	...	...
...	57·491	+24·690	− 1	..	...
..	57·679	−29·060	− 1	..	...
...	57·717	−49·029	− 5	...	...
...	57·732	−47·111	0·65	...	...
...	+57·777	+14·245	− 5	...	...
...	57·991	−18·533	− 1	...	...
...	57·996	−48·738	− 5	...	...
...	58·042	−52·145	− 5	...	...
...	58·088	+15·356	0·80	...	...
1281					
*	+58·142	−39·604	2·60	43.8761	8·4
*	58·152	+ 3·072	1·05	42.8494	10·2
...	58·292	− 4·948	− 5	.	...
...	58·384	−19·327	− 4		...
..	58·386	+25·830	− 5	...	...
*	+58·671	+ 3·541	0·95		...
...	58·715	+37·993	− 5	..	...
*	58·768	+36·188	1·00	...	.
...	59·498	+ 3·333	− 5	..	...

1220. Obscured by fault; 2nd image measured and corrected.

1221. Mass. 43°·113, 44°·113, two stars.

1248. Mass. 43°·113, mass; 44°·113, two stars.

Notes.	Co-ordinates. x.	y.	Diam. − 1.	C.P.D. No.	Mag.
1–60					
1					
	−59·377	− 3·018	− 5	.	...
	59·208	−31·344	0·65		...
	59·202	+13·514	− 5	.	.
	59·175	+12·859	0·75		. .
...	59·168	+44·337	− 5	.	.
	−59·119	− 8·854	− 5	...	...
...	59·082	−52·449	− 5	...	.
...	59·070	+ 0·484	− 4	...	.
	58·887	−20·366	0·95	.	.
*	58·772	−53·949	4·10	43.8758	7·8
11					
...	−58·711	−26·275	− 5	...	...
*	58·691	+17·109	1·50	42.8493	9·4
...	58·660	−21·191	− 5	...	...
N	58·545	−24·009	− 1		...
N	58·521	−24·057	0·80	...	...
.	−58·482	−26·054	− 1	...	.
	58·250	−25·210	− 5	...	.
	58·196	−16·107	0·70	...	...
.	58·084	+27·529	1·00	. .	. .
...	57·934	− 9·903	0·80	.	...
21					
.	−57·862	+40·961	1·00	...	.
...	57·733	−31·408	0·80	...	...
.	57·625	−30·685	0·90	. .	...
...	57·363	−33·668	0·85	...	...
.	57·307	− 4·869	0·75	. .	...
...	−57·289	−16·313	− 5	. .	. .
...	57·063	−32·061	− 2	.	
	56·774	+ 1·355	0·80	...	. .
	56·754	+ 8·043	0·80	...	...
.	55·776	+ 0·547	− 5	.	...
31					
...	−55·561	− 1·587	0·75	. .	...
...	55·442	−26·041	1·00	43.8759	10·4
...	55·385	+13·250	− 5	.	...
...	55·296	−16·187	− 5	.	
N	54·884	−21·561	0·90	. .	. .
. .	−54·858	−20·389	− 1	.	.
...	54·536	−10·858	− 1	...	...
*	54·295	−26·728	1·00	43.8760	10·4
	54·230	+44·587	− 5		.
. .	54·087	−34·453	− 5		
41					
...	−53·806	+10·381	− 5	.	
...	53·686	− 3·646	− 5	.	.
	53·496	+30·015	− 4		
...	53·250	−22·941	− 3		. .
	52·999	+24·751	− 4		
...	−52·848	−23·710	0·80		...
	52·638	−55·071	0·85	...	
...	52·559	− 8·801	− 5		
...	52·088	+15·449	− 1	. .	
..	52·045	+36·283	0·95	...	
51					
*	−51·680	+ 3·166	1·00	42.8494	10·2
...	51·501	−31·469	− 5		...
...	51·300	− 4·848	− 5		
.	51·192	−28·958	− 5		
.	51·186	−18·438	− 2	...	
	−51·166	− 3·[illegible]	0·80		
	51·[illegible]	−52·492	− 3	...	. .
. .	51·015	−49·322	− 5	.	...
*	50·[illegible]	[illegible]	1·30	42·8495	9·7
...	50·[illegible]	−19·2[illegible]	− 5	...	...
61–120					
61					
.	−50·594	−47·006	0·70		. .
...	50·534	−48·922	− 5		.
.	50·477	+26·384	0·75		...
*	50·394	−39·493	2·00	43.8761	8·4
...	50·370	+ 3·450	− 5		.
.	−50·016	− 8·637	− 5	...	...
...	49·974	+19·983	− 4	.	.
...	49·952	+26·004	0·95	...	...
.	49·939	+13·886	1·00		.
	49·194	+24·514	− 5		
71					
...	−48·916	−15·383	− 5	.	.
†	48·721	+24·810	0·65	...	...
.	48·511	+12·348	0·90		
	48·475	−20·246	0·65	.	. .
*	48·396	−26·809	1·10	43.8762	10·2
.	−48·264	−27·888	− 5	...	...
*	48·200	−16·721	1·10	43.8763	10·4
...	48·191	−47·608	− 4	...	.
.	47·937	− 7·679	0·65		. .
...	47·884	+28·390	0·70	.	.
81					
...	−47·376	+32·089	0·70	...	. .
...	47·305	+ 6·726	0·80	.	.
...	47·138	− 5·888	− 5	.	.
...	47·024	−44·514	− 5		...
...	46·868	+ 0·535	− 1	...	...
*	−46·839	−22·498	1·70	43.8764	9·4
*	46·801	−17·486	1·00	43.8765	10·4
...	46·617	+ 4·645	0·70	.	...
. .	46·613	−14·301	0·85	...	...
...	46·526	− 4·319	0·90	...	. .
91					
...	−46·237	−16·901	− 2	.	. .
...	46·185	+13·141	− 1	.	...
.	46·143	− 7·947	− 5	. .	.
.	46·111	− 5·471	− 5		.
. .	46·072	−43·423	− 5	...	...
...	−45·821	+36·307	− 1	...	
	45·679	+ 7·096	0·70	...	.
...	45·498	−31·231	− 5	...	...
*	45·147	−37·261	1·00	43.8766	10·4
.	45·108	−36·755	− 5	. .	...
101					
*	−45·027	+46·883	1·70	42.8496	9·2
.	45·024	−47·332	1·00	. .	. .
*	44·867	−15·791	1·00	43.8767	10·4
	44·812	−41·214	0·70	...	...
*	44·203	−41·081	2·60	43.8768	8·1
*	−43·813	−18·405	1·10	43.8769	10·4
	43·798	−52·486	0·90		
	43·591	− 3·[illegible]	0·[illegible]		...
	43·[illegible]	−42·876	− 5	...	...
*	43·415	−22·294	1·10	43.8770	10·0
111					
*	−43·[illegible]	+37·703	1·60	42.8497	9·5
.	43·[illegible]	−11·[illegible]	− 5		.
...	43·066	−34·309	− 2		...
†	43·[illegible]	−35·010	0·80		. .
...	43·[illegible]	−3[illegible]	0·95		...
N	−42·957	3[illegible]	1·[illegible]	42.8499	9·6
...	42·888	−37·386	− 5		.
	42·[illegible]	+ 3[illegible]	1·00	42.8498	10·2
	42·629	+36·525	− 1		
*	42·175	−22·704	1·00		
121–180					
121					
. .	−41·998	+40·483	− 5	...	.
...	41·953	−18·815	− 5	...	. .
.	41·814	−17·482	− 4		...
.	41·809	−57·008	0·65	. .	...
...	41·729	+52·237	− 5	. .	.
...	−41·661	−12·727	0·70	...	...
*	41·506	+40·599	1·50	42.8500	9·4
...	41·488	−42·923	− 1	...	...
.	41·337	+ 1·875	0·70	...	...
...	41·263	− 9·043	− 5	. .	...
131					
...	−41·246	−52·098	0·70	...	...
*	41·010	−28·096	1·00	43.8771	10·4
...	40·947	− 3·083	0·75	...	...
..	40·919	−29·438	1·00	..	...
..	40·739	+35·455	1·10	...	. .
. .	−40·585	+25·046	0·65	. .	...
.	40·573	+21·312	− 5	.	...
	40·451	−45·302	− 4	. .	...
..	40·253	−32·067	0·85	.	. .
..	40·077	−26·071	− 5	...	...
141					
...	−40·072	+21·731	− 4	..	...
*	39·970	−17·263	1·00	43.8772	10·4
...	39·926	−28·616	1·00	...	..
.	39·919	− 3·054	0·80	..	. .
.	39·906	+13·303	0·75	.	...
...	−39·882	−49·455	− 5	.	...
.	39·770	+ 0·549	0·80	...	...
...	39·568	−13·566	0·65		
...	39·441	+46·092	0·65	...	...
...	39·433	+43·799	0·95	.	
151					
...	−39·289	+38·014	− 5	.	.
..	38·913	−18·240	− 1	...	...
...	38·910	− 3·813	− 5	..	...
...	38·789	−41·896	− 5	...	...
...	38·775	−29·611	− 5	...	.
...	−38·608	−10·957	0·80	...	.
.	38·566	+20·724	− 4	..	.
*	38·474	+31·384	1·35	42.8502	9·6
*	38·334	+12·545	1·35	42.8501	9·7
...	38·261	+12·306	− 1	...	...
161					
. .	−38·229	−12·469	− 5	.	.
..	38·004	− 8·821	0·90		...
*	37·973	− 2·192	1·50	..	.
*	37·928	+32·026	1·35	42.8503	9·6
	37·923	+42·005	− 4	...	...
...	−37·827	−44·902	− 5	A	..
	37·[illegible]	+19·066	0·90	...	...
...	37·549	−53·225	1·00	43.8773	10·4
...	37·496	−18·150	− 5	.	. .
...	37·[illegible]	−56·[illegible]	− 5	...	.
171					
. .	−36·899	−31·229	1·00	...	...
*	36·662	−42·844	1·20	43.8774	9·9
S *	36·540	−47·516	1·20	43.8775	6·8
...	36·382	−59·575	1·00	44.9328	10·2
...	36·278	+25·[illegible]	− 2	.	...
...	−36·242	−34·[illegible]	− 2	.	...
	36·170	−14·099	1·00	...	. .
	35·983	− 9·378	− 4	..	...
...	35·826	−26·370	− 5	...	...
...	35·733	−39·663	0·80	...	...

NM [illegible] 1. 72, 229, 477, 574, 735, 944.
ES [illegible] 37, 148, 315, 480, 606, 832.
Double [illegible] 769, 1051 [illegible] ... estimated.

14. 15. 43″·112, mass: 44″·113, two stars.
35. Moss. 43″·112, mass: 44″·113, two stars.
119. Moss.

Notes.	Coordinates x.	Coordinates y.	Diam.	C.P.D. No.	C.P.D. Mag.
		181–240			
181					
...	−35·517	−15·392	− 4		.
...	35·246	+49·176	0·75		...
*	35·035	−48·751	1·10	43.8776	9·8
...	34·891	−43·728	− 3	.	...
...	34·799	−13·018	− 4		
†	−34·628	−35·242	− 4		
..	34·589	+18·700	− 2		...
...	34·573	−51·384	− 1		.
..	34·488	+13·943	0·80		
..	34·322	−26·167	− 4		...
191					
S *	−34·289	− 2·383	1·60	43.8777	9·2
..	33·659	−34·5[illegible]	− 1		.
..	33·580	− 8·161	− 3	..	.
.	33·469	− 6·187	− 3	..	..
...	33·443	−48·245	− 5		.
...	33·116	+ 1·626	− 3		
...	32·855	+11·978	0·90	...	..
..	32·781	−21·526	− 4	...	.
..	32·743	−17·350	− 5		...
...	32·729	−42·862	0·75		...
201					
..	−32·570	−38·175	− 5	..	..
...	32·556	+12·998	− 3	..	..
..	32·506	−24·818	− 1	...	..
...	32·468	+50·708	− 5	..	..
...	32·288	−10·862	− 3	...	.
...	−32·263	−20·401	0·65	...	...
...	32·138	−40·655	− 5	...	..
..	32·068	+ 6·904	− 5	...	.
..	32·021	+ 5·968	− 4	...	.
...	31·884	+52·695	0·65		..
211					
...	−31·776	−19·883	0·75	..	.
...	31·669	−22·836	− 3	...	.
...	31·565	+54·538	0·90	...	.
...	31·390	+ 9·638	− 5	M	...
.	31·323	+57·774	1·05	...	...
...	−31·263	−16·445	0·65	..	...
*	31·122	−31·155	1·00	43.8778	10·4
..	31·096	+24·874	− 1	.	..
...	31·038	+20·784	− 4	...	...
...	30·991	−50·598	0·90		...
221					
.	−30·522	−17·974	− 2	...	..
...	30·338	+ 0·069	− 5	M	
...	30·227	+39·934	0·90	..	...
...	30·162	−58·827	0·95	44·9334	10·4
...	30·040	+21·116	− 2	..	.
...	−29·623	−28·026	0·75		
...	29·484	−13·235	0·65		...
...	29·467	−51·493	− 5	..	...
...	29·305	−39·646	− 5	M	...
...	29·279	−26·279	0·75	...	
231					
...	−29·260	−53·608	0·80		...
...	29·099	−49·522	− 5		.
*	28·939	−27·324	1·05	...	...
..	28·765	−20·584	0·80	.	...
...	28·564	−44·813	0·80		
...	−28·560	+18·523	0·75	.	.
*	28·441	+52·225	1·00	42.8504	9·9
*	28·377	−32·777	4·40	43.8779	6·4
...	28·241	− 4·742	0·70	...	..
...	28·087	−29·663	0·65	...	...
		241–300			
241					
	−28·077	+27·190	− 5		..
	28·027	−32·712	− 5		
.	28·005	+32·932	0·80		
*	27·986	−29·139	1·00		
*	27·827	−55·247	1·60	43.8780	9·9
	−27·653	+ 4·389	− 4		..
	27·536	−51·151	− 5	.	.
*	27·460	+41·752	1·20	42.8505	9·7
	27·440	+36·886	0·70		..
	27·236	−32·290	0·70		...
251					
...	−27·169	−10·989	− 5		
	27·052	+11·924	0·70		.
	26·967	+13·913	0·80		
	26·730	−15·926	− 4		
.	26·641	−14·237	− 5	...	...
	−26·452	+ 5·602	− 5		...
	26·388	+ 8·362	0·80		
.	26·243	+31·595	− 5	...	.
*	26·105	− 7·442	1·00	43.8781	10·4
...	25·962	− 3·066	0·70		..
261					
..	−25·730	−48·094	− 5		...
.	25·728	+33·232	− 5		
.	25·618	+17·884	− 3	..	.
	25·305	−37·543	0·75		...
...	24·970	+ 7·255	0·70	...	...
...	−24·952	−31·960	0·65		..
	24·941	−57·497	0·75		
..	24·750	−42·361	− 3	.	
	24·739	+25·023	− 5	.	..
...	24·216	−58·499	− 2	.	...
271					
...	−24·106	−10·780	0·80	...	...
*	23·517	+21·728	1·00	42.8506	10·2
†	23·489	−29·978	0·80	...	...
.	23·359	− 1·745	− 5	M	
..	23·307	−40·167	− 5	M	...
.	−23·271	−53·015	0·80		
.	23·112	− 0·728	0·70	...	...
*	23·093	−12·310	1·80	43.8782	9·6
*	22·984	− 3·755	1·70	43.8783	9·8
...	22·814	−40·527	0·85	...	...
281					
	−22·785	− 2·798	0·80		.
	22·601	+16·639	− 5	M	
	22·591	−10·779	− 4		.
	22·549	+48·048	0·65		
.	22·539	− 1·490	− 5	..	
	−22·468	+ 9·690	− 5	M	
...	22·458	−14·423	− 5	M	
.	22·225	+58·151	− 5	...	
	22·222	−57·681	− 5	...	
...	22·167	+39·604	0·65	...	..
291					
...	−22·165	−51·278	− 5	...	...
.	22·147	−13·496	0·70		...
*	22·123	+42·008	1·05	..	...
...	21·933	+12·877	0·75		...
S *	21·801	+40·556	2·00	42.8507	8·6
...	−21·751	−53·681	0·95	...	...
..	21·598	+ 5·830	0·80	...	
...	21·492	−38·760	0·75	...	...
...	21·445	+ 6·360	− 5	M	..
...	21·423	− 5·791	− 4	...	.
		301–360			
301					
	−21·389	−27·640	0·80		..
...	21·293	− 5·442	0·80		
	21·216	−42·763	− 5		
	20·800	−23·592	0·90	.	...
	20·700	+17·876	1·30	42.8508	10·0
	−20·508	−14·376	0·80	.	
...	20·496	+ 1·019	− 5	M	
	20·319	−17·069	0·80		.
...	20·280	−46·033	0·70		...
...	20·172	+ 0·376	0·80	a	.
311					
*	−20·118	− 2·472	1·00	..	..
	20·099	+15·735	0·65	...	.
.	19·981	−39·546	0·70		...
	19·912	−58·364	− 5	..	..
..	19·612	−26·120	0·90	...	.
	−19·591	+36·476	0·65		...
	19·085	+33·245	− 2		
...	19·062	−55·454	− 4	.	...
.	19·030	−29·532	− 5	...	...
..	18·998	+57·792	− 2	...	.
321					
...	−18·899	− 1·983	0·90	...	...
*	18·761	−41·960	2·50	43.8784	8·0
	18·587	−32·613	0·90	...	...
...	18·435	+28·367	− 2		...
	18·357	+38·801	− 5	.	
.	−17·790	+51·885	− 5	...	...
	17·673	−46·543	− 5		.
...	17·663	−53·186	− 3	.	.
†	17·659	+14·797	− 1	...	
...	17·528	+ 9·279	− 5	M	
331					
...	−17·429	−25·291	− 5		.
*	17·412	+ 2·840	1·05	42.8509	10·2
...	17·316	−58·658	− 4	...	..
*	17·235	−29·367	1·50	43.8785	9·4
...	17·161	−41·246	− 5	...	
	−17·139	−11·240	− 5		
..	17·079	−11·258	− 2	...	
*	17·049	−50·971	1·10	43.8786	10·0
	16·870	+49·100	− 5	..	
...	16·854	+11·732	− 5	...	...
341					
*	−16·755	− 3·773	1·00	43.8787	10·2
...	16·529	+18·871	0·75		
...	16·436	−12·605	0·65	.	
...	16·429	− 7·131	− 2		
..	16·368	−45·432	− 1		
*	−16·213	−42·175	1·00	43.8788	10·2
.	16·178	+44·124	1·00		..
...	15·906	−37·448	− 4	..	
.	15·827	−41·822	− 3	...	
...	15·748	− 9·733	0·70		
351					
	−15·480	+39·651	− 3		
*	15·322	−17·985	1·10	43.8789	10·0
	15·196	+39·185	− 4	.	
...	15·184	−43·178	− 5		...
*	15·006	−42·260	1·00	43.8790	10·0
...	−14·924	−43·159	0·65	...	
...	14·810	+ 7·354	− 4		...
‡	14·[illegible]	+29·187	1·05	42.8510	9·5
‡	14·727	−26·227	1·00	43.8791	10·4
†	14·678	−32·921	− 5		..

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
361-420					
361					
	−14·612	−21·982	− 5		..
.	14·532	−41·072	− 4	.	.
...	14·431	−16·420	− 2	.	.
..	13·747	+28·698	0·65	..	.
...	13·745	+ 3·391	− 5	M	...
	−13·552	+20·046	− 5	..	
...	13·546	+32·231	0·70	.	...
..	13·473	−17·381	− 4	...	...
..	13·405	+ 7·147	0·80	...	...
...	13·272	−19·956	− 3	...	...
371					
*	−13·128	−26·487	1·40	43.8792	9·5
...	12·956	−29·194	− 5	...	...
*	12·927	+45·005	1·10	42.8512	10·2
...	12·765	+33·540	0·80	...	...
..	12·298	+24·254	0·75	...	...
...	−12·283	+32·381	0·70	...	...
.	12·277	−57·183	1·00	43.8793	10·4
.	12·233	+ 0·832	− 1	...	...
...	12·050	+38·093	0·75	...	..
...	11·964	+31·566	0·70	...	...
381					
...	−11·911	+30·142	− 4	...	...
...	11·808	+19·098	0·90	...	...
...	11·685	+24·964	− 4	...	..
...	11·670	−25·775	− 5	...	...
.	11·667	−20·012	− 5	...	...
..	−11·363	−26·312	0·65	...	...
...	11·311	+15·819	− 2	...	...
*	11·216	−17·986	1·10	43.8794	10·2
*	11·003	−28·318	0·95	.	...
..	10·953	+32·128	− 5	..	...
391					
..	−10·634	−50·739	− 5	...	...
...	10·566	+28·576	0·75	...	...
..	10·507	−11·967	0·75	.	...
	10·435	−22·636	0·75		...
	10·273	−12·940	− 5	...	
.	−10·215	+15·117	− 2	A	...
	10·112	−12·217	0·65	...	...
	9·922	− 7·370	− 3	...	...
†	9·767	−27·229	1·05	43.8795	9·7
..	9·592	+25·349	− 5	..	...
401					
..	− 9·591	− 0·191	− 2	...	...
..	9·349	+46·320	0·75	...	...
	9·302	−56·758	0·80	...	...
...	9·185	−31·665	− 5	..	
	9·141	−22·266	0·70		...
	− 9·129	+ 8·688	1·00	.	...
	9·096	−11·766	0·70	.	...
	9·090	−19·248	0·70	...	...
	9·010	− 1·970	0·70		...
*	8·810	−13·968	1·00	...	...
411					
	− 8·789	− 6·598	0·65	..	...
...	8·736	−12·873	0·70	...	...
...	8·548	+52·641	0·95	42.8513	10·2
*	8·461	−45·865	1·60	43.8796	9·7
.	8·380	+56·444	− 5	...	...
	− 8·351	− 2·264	− 5	M	...
...	7·852	+34·273	0·75	...	...
	7·789	+19·640	0·65	...	
	7·526	−57·157	− 5	...	
...	7·395	−18·853	− 4	...	

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
421-480					
421					
*	− 7·280	+38·689	1·00	..	..
...	7·265	−23·137	0·75		.
...	7·200	− 3·799	0·95		...
*	7·197	+21·706	1·05	42.8514	10·2
...	7·048	−19·575	0·85	...	...
*	− 6·935	−44·268	1·00	43.8797	10·4
.	6·897	+23·071	0·85	...	...
...	6·882	+25·171	0·65	...	...
...	6·855	+17·813	0·85	...	...
...	6·527	+13·514	− 5	M	...
431					
...	− 6·502	−21·131	− 5	..	..
...	5·967	−23·879	0·65		..
...	5·871	+ 9·137	− 1		...
...	5·824	+38·518	− 4	...	...
S	5·735	−49·981	1·70	43.8798	9·0
...	5·352	−53·004	− 5	*m*	...
...	5·080	+50·920	0·65	.	..
...	4·912	+40·295	0·75	...	...
...	4·900	−59·594	0·90	...	...
†	4·756	+33·506	0·95	..	...
441					
...	− 4·614	−34·253	1·00	...	...
...	4·453	−16·005	− 4	*m*	...
...	4·168	+18·986	0·70	...	...
...	4·159	+30·158	− 5	M *m*	..
...	3·998	−36·265	− 5	*m*	...
..	− 3·936	− 2·674	− 5	*m*	...
*	3·800	−35·150	1·00	43.8799	10·4
...	3·731	−13·139	0·80	*m*	...
*	3·548	− 1·668	1·60	43.8800	9·7
...	3·516	−20·381	− 5	M *m*	...
451					
*	− 3·289	+30·432	0·95	...	...
.	3·186	−11·279	− 5	*m*	...
...	3·125	−25·584	− 4	*m*	...
	3·044	+22·006	0·80	...	...
...	2·922	−25·736	− 3	*m*	...
..	− 2·904	−27·384	− 5	M *m*	...
*	2·811	−43·945	1·60	43.8801	9·6
..	2·770	+19·192	0·70	...	...
...	2·544	−43·292	0·70	...	...
...	2·340	−35·156	− 5	*m*	...
461					
...	− 2·289	+43·380	0·70	...	...
...	2·275	+57·623	1·00	...	...
...	2·149	−15·654	− 4	M *m*	...
...	1·931	−38·790	− 5	*m*	...
...	1·864	+ 1·957	0·80	...	...
.	− 1·786	− 7·689	0·80	*m*	..
...	1·760	−47·045	0·65	...	..
...	1·735	−49·170	0·80	...	...
...	1·714	+36·501	− 5	*m*	...
...	1·612	−48·813	− 2	*m*	..
471					
...	− 1·568	−32·193	− 1	*m*	...
...	1·312	− 4·056	− 5	M *m*	...
..	1·291	+42·558	0·80	...	...
..	1·285	+24·127	− 5	M *m*	...
...	1·154	+22·546	0·75	...	...
..	− 1·145	−21·322	0·75	...	.
...	1·059	+51·343	0·90	...	.
...	0·999	−52·319	− 5	*m*	...
†	0·795	−54·982	0·95	...	.
.	0·774	+16·373	0·80		.

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
481-540					
481					
*	− 0·764	+40·210	1·60	42.8516	9·2
...	0·739	+36·726	0·70	.	...
...	0·670	+37·807	0·70	...	...
...	0·522	+20·877	0·80	...	...
..	0·476	−48·352	− 5	*m*	...
*	− 0·447	−20·166	1·40	43.8802	9·8
...	− 0·303	− 6·604	0·65	*m*	..
†	+ 0·212	−56·970	1·00	...	...
...	0·335	−35·787	− 4	*m*	...
...	0·378	− 1·377	− 4	*m*	...
491					
...	+ 0·443	+50·439	− 4	...	...
...	0·511	−46·776	− 5	*m*	...
...	0·648	+40·849	0·75	...	...
...	0·891	+17·450	− 2	...	..
...	0·953	−24·222	− 5	*m*	..
..	+ 0·960	+26·025	1·00	...	...
..	1·010	− 9·940	− 5	M *m*	...
...	1·019	+13·620	− 5	M *m*	...
*	1·030	+21·436	1·00	...	...
...	1·069	−16·783	0·90	...	...
501					
*	+ 1·160	−39·809	1·10	43.8803	10·0
...	1·300	+ 2·049	− 4	...	...
...	1·409	−36·688	− 1	..	...
.	1·599	−45·374	0·90	...	...
...	1·816	+49·119	0·75	...	...
...	+ 2·251	−31·652	− 4	...	...
..	2·372	−31·194	− 2	...	...
...	2·458	−34·866	− 2	...	...
...	2·511	−42·217	− 5	*m*	...
...	2·694	−12·421	1·00	43.8804	10·4
511					
...	+ 2·707	+ 3·474	− 1	...	...
...	2·954	−33·991	− 5	*m*	...
...	3·295	−37·607	− 5	*m*	...
...	3·487	−41·460	0·65	...	...
...	3·500	− 7·125	− 1	...	...
*	+ 3·647	−16·105	1·00	43.8805	10·4
...	3·661	− 3·623	0·70	...	...
...	3·803	+ 0·083	1·00	F *f*	...
...	3·909	−30·390	− 1	...	..
...	3·980	−33·119	− 1	...	...
521					
...	+ 4·002	−28·614	− 4	*m*	...
...	4·005	+26·589	0·65	...	...
...	4·005	−53·103	0·80	...	.
...	4·010	+21·501	0·75	...	...
..	4·067	−31·025	− 3	...	.
...	+ 4·120	−24·162	− 5	*m*	.
...	4·132	−53·051	0·90	...	...
*	4·142	−37·080	1·00	...	...
...	4·172	−27·451	− 4	...	...
†	4·236	−10·051	0·90	...	...
531					
*	+ 4·381	+52·799	1·10	42.8518	9·9
...	4·431	−53·847	0·90	...	...
...	4·443	−58·756	− 1	...	...
*	4·524	+26·577	1·00	42.8517	10·2
...	4·615	+59·481	− 5	...	...
..	+ 4·677	+45·006	− 3	...	...
...	4·780	−34·536	0·65	...	...
...	4·890	+43·025	− 2	...	...
...	5·395	+47·982	− 5	...	..
*	5·443	+16·370	1·00	42.8519	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. r.	C.P.D. No.	C.P.D. Mag.
541-600					
541					
...	+ 5·631	+ 6·659	− 5	*m*	
..	5·677	−40·230	− 5	*m*	
.	6·019	−26·984	− 2	.	
	6·026	+14·707	0·90		
.	6·076	+31·645	− 2	..	..
.	+ 6·218	−32·415	0·70		
.	6·285	+25·251	− 3		
*	6·408	−45·488	1·00		..
..	6·507	+13·090	− 4	...	..
...	6·618	+27·293	− 5	*m*	
551					
...	+ 6·645	−42·263	0·80	...	...
*	6·677	+12·247	1·00	42.8520	10·2
*	6·719	− 8·938	1·50	43.8806	9·5
...	6·972	+13·716	− 5	*m*	...
	7·237	+28·300	0·80	...	...
.	+ 7·247	+45·030	0·80	..	...
	7·252	−55·697	− 5	*m*	...
...	7·268	−57·935	− 4	*m*	...
*	7·350	+18·374	1·00	42.8521	10·0
...	7·463	+31·476	− 4	...	...
561					
...	+ 7·470	−39·490	− 1	...	...
...	8·474	+51·472	0·70	...	..
...	8·571	+25·655	− 3	..	...
...	8·903	+ 6·239	0·80	...	..
...	9·020	+18·444	− 3	...	...
...	+ 9·321	− 1·638	− 5	*m*	...
*	9·331	+24·613	1·10	42.8522	10·0
...	9·364	+20·601	− 5	...	...
...	9·574	−50·344	− 3	*a*	...
...	9·806	+ 7·743	− 5	*m*	...
571					
...	+ 9·826	−30·356	− 2	...	...
...	9·847	+35·879	− 4	*m*	...
...	9·854	−13·621	0·85	...	...
...	10·221	+46·677	− 4	...	...
*	10·251	+ 8·088	1·40	42.8523	9·7
...	+10·294	−33·328	0·70	.	...
...	10·344	+53·755	1·00	..	...
...	10·367	+26·636	0·90	...	...
...	10·496	−41·314	0·75	...	...
...	10·526	−25·341	0·75	...	...
581					
...	+11·039	−56·997	0·85	...	..
...	11·044	−49·104	0·65	...	...
...	11·170	+14·979	0·70	...	...
...	11·313	−40·092	0·85	...	...
...	11·507	−20·440	0·90	...	...
...	+11·509	−31·994	0·80	...	..
...	11·537	+42·722	− 5	...	...
...	11·755	−18·226	1·00	...	...
*	11·920	+ 4·471	1·00	42.8524	10·0
...	11·944	+37·815	0·90	...	...
591					
...	+12·146	+38·326	− 5	...	..
...	12·160	+23·197	0·75	...	...
...	12·221	+31·414	0·95	..	...
*	12·363	−55·635	1·20	43.8807	10·3
...	12·400	−18·209	− 5	*m*	...
...	+12·402	− 1·667	− 5	*m*	.
...	12·428	− 7·024	0·80	...	.
...	12·433	+16·926	0·95	...	...
...	12·607	+ 4·315	− 5	*m*	
...	12·736	+20·812	0·75	...	

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. r.	C.P.D. No.	C.P.D. Mag.
601-660					
601					
	+12·738	+55·280	− 1		.
	12·855	+41·776	− 1	...	
	13·280	+45·169	− 5		
...	13·315	+35·942	0·90		
	13·420	−13·44	− 5	*m*	..
	+13·455	−23·934	0·80	..	
	13·572	+46·508	− 5	...	.
	13·598	+24·651	− 1	..	
	13·649	−40·468	− 5	*m*	..
...	13·860	−59·571	0·95	..	...
611					
...	+13·905	+20·405	− 5	*m*	..
...	13·937	+36·901	0·80		.
...	13·962	−22·903	0·80		.
...	14·005	+32·596	− 5		...
...	14·102	−21·375	0·75		...
...	+14·108	+35·630	− 5	.	..
...	14·108	−30·362	− 4	*m*	
...	14·585	+10·400	0·85	.	..
...	14·912	−57·071	0·90	.	.
†	15·106	− 7·087	0·80		...
621					
†	+15·139	+20·676	0·90		..
.	15·226	+39·571	0·80	...	...
...	15·241	− 9·835	− 4	*m*	..
...	15·408	−13·862	− 5	*m*	..
...	15·930	+57·837	− 5	...	...
...	+15·935	+44·511	0·80	...	...
...	16·015	−39·282	0·80	.	...
...	16·084	−47·018	− 5	*m*	..
...	16·296	−35·740	0·75	...	...
...	16·375	−33·957	0·70	*b*	...
631					
...	+16·413	− 0·694	0·70	*b*	...
...	16·462	−16·404	− 5	*m*	...
...	16·582	+57·688	− 3	.	.
..	16·762	+43·549	0·75	.	...
...	16·962	−25·690	0·70	.	...
...	+17·042	− 1·109	0·90	..	...
..	17·318	− 7·791	− 5	*m*	.
..	17·388	−21·840	0·65	*b*	...
...	17·454	−50·851	− 4	*m*	...
...	17·517	+ 6·680	− 2	...	...
641					
...	+17·556	+25·094	0·70	..	...
...	17·580	−14·343	0·80		...
...	17·674	+ 7·269	0·80	.	...
...	18·115	− 1·065	0·90	...	...
*	18·166	−35·929	1·70	43.8808	9·4
...	+18·173	+ 5·760	− 2	*a*	...
*	18·264	−44·170	1·50	43.8809	9·9
*	18·275	−55·317	1·10	...	...
..	18·329	+43·982	− 5	...	.
...	18·525	+11·581	− 5	.	
651					
...	+18·570	−49·081	0·65	*b*	.
...	18·572	+13·421	− 5	...	..
*	18·709	+22·274	1·10	42.8525	10·2
...	18·914	− 7·613	− 5	*m*	..
..	19·000	+ 8·376	− 5	*m*	...
*	+19·084	+40·768	1·10	42.8526	9·8
.	19·085	−51·493	− 2	...	...
...	19·361	+50·154	1·00	.	...
...	19·427	+22·239	− 4	...	..
.	19·434	+19·271	− 1	..	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. r.	C.P.D. No.	C.P.D. Mag.
661 720					
661					
...	+19·872	−39·461	0·70		
	19·981	+28·664	− 5	.	
	20·008	+ 1·500	0·80		
	20·049	−21·535	0·85	...	
..	20·093	−47·693	0·70	..	
	+20·344	− 3·953	0·65	...	.
	20·641	+27·712	− 4	.	
...	20·772	−17·299	− 4	*b*	.
...	20·824	−17·269	− 3	*b*	...
..	20·789	− 4·517	0·65	.	...
671					
..	+20·841	−26·720	0·70	...	...
†	20·939	− 8·213	1·20	43.8810	9·7
†	20·961	−30·011	− 2	...	..
.	20·979	−43·027	− 3	*a*	
.	21·014	−49·876	0·90	.	..
..	+21·117	+28·532	1·05	..	...
...	21·147	+36·992	0·70	..	..
..	21·344	+20·042	− 1	..	...
.	21·405	+24·209	0·75	..	...
...	21·703	+ 8·329	− 5	.	...
681					
.	+21·938	−29·883	0·70	..	...
...	21·961	+ 6·424	− 4	*m*	...
..	21·976	−11·266	− 5	*m*	..
*	22·176	+47·951	1·15	...	...
.	22·217	+53·552	− 5	...	...
	+22·489	−44·420	− 5	*m*	...
	23·180	− 8·994	0·90	...	.
...	23·279	+23·303	0·80	..	..
...	23·373	+45·406	− 5	..	..
...	23·423	−38·120	0·90		
691					
..	+23·485	+ 3·182	− 4	..	...
.	23·761	+21·329	− 5	..	..
.	23·860	−32·211	0·85	..	..
.	24·144	−44·098	0·70	..	...
...	24·315	+18·720	0·95	...	..
*	+24·608	+ 0·730	1·40	43.8811	9·7
...	24·622	−49·688	0·75	...	.
.	24·648	−50·448	0·70	..	...
...	24·723	+ 9·030	− 5	*m*	...
	24·724	−34·729	0·65	...	.
701					
..	+24·842	+21·305	0·75	.	
.	24·847	+43·527	− 1	...	...
...	24·969	−16·251	− 5	*m*	..
†	25·147	−58·064	0·90	...	...
†	25·180	−27·648	0·80	...	.
...	+25·191	+32·577	0·75	.	...
...	25·212	+46·831	− 4	...	..
	25·591	−24·830	− 4	*m*	.
...	25·867	−35·491	− 5	*m*	..
..	25·990	−35·210	− 1	*a*	...
711					
...	+26·122	−27·513	− 4	.	...
...	26·401	+29·152	− 5	...	
	26·473	+49·923	− 5	.	...
	26·545	+20·339	0·85	...	
	26·673	+25·489	0·65	...	
.	+26·845	+14·169	0·65	.	...
..	26·952	−26·795	− 1	..	
...	26·970	−20·983	0·80	.	
..	27·059	−37·575	0·90	..	.
..	27·069	+27·418	− 5	...	..

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	C.P.D. Mag.
	721-780				
721					
...	+27·203	−27·615	−5	m	...
.	27·313	−50·148	−4	m	..
	27·330	+33·540	0·90	...	..
	27·346	−45·317	−1	...	.
	27·435	−17·074	−5	m	...
..	+27·357	+54·219	−5	...	...
S *	27·370	−50·426	1·80	43.8812	9·2
*	27·456	+45·539	1·90	42.8527	8·8
*	27·596	+31·368	1·10	42.8528	10·2
...	27·724	−51·830	0·65	...	...
731					
	+28·163	+44·617	−5	...	...
	28·616	−25·791	−5	m	..
.	28·874	−48·911	−5	m	...
..	29·402	+57·266	0·90	...	...
...	29·463	−9·399	−5	m	.
.	+29·689	−54·595	−1	a	..
...	29·708	+38·250	−4	...	...
..	30·186	+17·205	0·75	...	...
...	30·202	+46·592	0·65	...	...
...	30·267	−5·302	−5	m	...
741					
...	+30·316	+14·424	−4	m	...
..	30·437	−39·372	−5	m	...
...	30·508	−6·558	−4	m	...
..	30·510	−36·388	−4	m	...
*	30·628	+30·348	0·95	...	...
.	+30·697	+40·388	0·80	...	...
	30·760	−20·768	0·70	..	..
...	31·259	−53·821	1·05	43.8813	10·4
...	31·330	+19·973	0·65	...	...
.	31·547	−57·745	0·95	...	...
751					
.	+31·560	+20·581	0·65	a	...
	31·732	−49·528	−4	m	..
	31·782	−38·892	0·70	b	...
	31·868	−31·492	0·65	..	..
	31·881	−17·395	−5	m	..
	+31·888	+38·285	−5	..	.
*	32·161	+4·947	0·70	...	...
	32·203	−17·439	1·60	43.8814	9·5
..	32·283	−37·153	0·65	a	...
*	32·392	−37·129	1·40	43.8815	9·8
761					
	+32·519	−6·736	−5	m	
...	32·580	−32·952	−5	m	..
*	32·674	−5·816	1·00	...	...
	32·819	+51·358	2·00	42.8529	8·9
...	32·887	+9·712	...	...	
...	+32·906	+53·614	−5	..	...
	33·062	+37·121	−5	..	...
	33·072	−31·805	0·80	...	...
	33·084	−41·060	−1	b	
	33·128	−36·657	1·05	43.8816	10·4
771					
	+33·271	+15·922	−5		...
	33·292	+30·348	0·80		...
...	33·554	+28·318	...		...
	33·914	−17·517	0·85		.
	34·076	+12·950	−5		...
	+33·[illegible]	+[illegible]	−1	...	
	33·[illegible]	+6·370	0·80	..	.
	34·[illegible]	−15·[illegible]	0·80	.	
*	34·[illegible]	−5·[illegible]	0·95	...	
.	34·541	+36·045	0·65		
	781-840				
781					
...	+34·611	−46·716	0·70	a	...
...	34·638	+0·381	0·90	...	...
...	34·638	−39·779	−1	b	..
...	34·701	−24·347	0·80	...	...
...	34·923	−21·145	0·65	b	...
..	+34·947	+0·407	0·80	..	..
...	34·971	+3·620	0·80		..
...	35·192	−12·536	0·70		...
..	35·200	−2·276	0·70	...	...
...	35·603	+32·529	−5	m	...
791					
*	+35·679	+29·007	1·60	42.8530	9·7
*	36·042	−49·822	2·60	43.8819	7·9
...	36·046	+31·898	0·90	...	...
*	36·176	−36·394	1·10	43.8818	10·4
...	36·212	+36·738	−5	m	...
*	+36·218	−24·429	1·20	43.8817	9·8
*	36·299	−46·978	1·00	...	...
‡	36·390	−29·994	1·60	43.8820	9·4
...	36·401	+23·063	0·75	...	...
...	36·481	+19·694	0·70	...	...
801					
...	+36·501	+9·151	1·00	...	...
...	36·506	+44·680	−5	...	...
*	36·704	+31·087	1·20	42.8531	10·2
...	36·706	+11·162	−5	m	...
...	36·777	−23·809	−5	m	..
...	+36·797	−3·566	−5	m	...
...	36·893	+17·390	0·65	...	...
...	36·902	+18·147	−1	..	...
..	37·103	+14·949	0·70	...	...
...	37·310	+15·010	0·75	...	...
811					
...	+37·317	+42·952	−5	...	...
...	37·403	+38·185	−5	...	...
.	37·701	+19·498	0·90	...	...
...	37·783	−38·183	−5	m	...
...	37·796	−50·022	0·65	...	...
..	+38·100	−3·132	−5	m	...
*	38·204	−23·960	1·50	43.8821	9·8
*	38·285	−53·040	1·10	43.8823	10·2
*	38·335	−15·603	1·80	43.8822	9·4
*	38·404	+27·992	1·60	42.8532	9·5
821					
.	+38·526	−56·346	−1	...	...
.	38·808	−15·354	−5	m	...
.	38·861	+9·497	−5	...	..
..	38·883	+33·292	0·80	...	...
...	39·094	−42·596	−3	a	..
..	+39·458	−1·774	0·80	..	...
...	39·576	+10·842	−4	...	...
	39·632	−36·189	−5	m	...
	39·799	+45·603	−5	..	..
..	39·883	+53·87[illegible]	1·00	42.8534	10·2
831					
*	+39·986	+31·[illegible]	1·00	42.8535	10·2
...	40·126	+42·107	−5	..	...
†	40·148	−58·381	0·85	...	..
	40·382	−57·[illegible]	1·00	43.8824	10·4
...	40·599	−43·[illegible]	0·95	.	...
	+40·[illegible]	−33·[illegible]	0·70		...
	40·[illegible]	+58·769	1·10	42.8536	10·[illegible]
	40·882	+42·[illegible]	0·85	.	.
	40·916	−26·726	−4		
	41·[illegible]	+10·570	−1		..
	841-900				
841					
...	+41·393	+38·705	0·65	...	...
.	41·457	+37·948	0·70	..	.
...	41·521	+55·443	1·05	...	...
.	41·537	−17·019	0·70	...	...
..	41·785	+32·053	−4	...	...
.	+41·829	+57·405	−5	..	...
S *	41·877	+44·588	2·10	42.8537	8·4
...	42·089	−45·877	0·80	...	...
	42·316	+51·937	1·05	...	...
...	42·398	+13·089	−1	...	...
851					
...	+42·418	−23·395	−5	m	..
..	42·495	−3·206	−5	m	...
...	42·668	+33·945	−1	...	...
..	42·851	−2·187	−5	m	...
...	42·903	+38·457	0·85	...	...
...	+43·134	−8·991	−5	m	...
...	43·320	−18·641	1·00	...	...
...	43·396	+26·774	−4	...	...
...	43·621	+16·036	−5	...	...
*	43·653	−46·838	1·25	43.8825	9·9
861					
...	+43·680	+17·264	−3	...	...
...	43·683	+16·799	−5	...	...
...	43·965	−30·543	0·85	...	...
...	44·270	+28·010	1·00	..	...
...	44·297	−38·545	−3	b	...
*	+44·329	−25·957	1·50	43.8826	9·6
*	44·444	+21·914	1·25	42.8538	9·8
...	44·493	+49·954	−2	...	...
...	44·560	−1·962	0·65	..	...
...	44·786	−54·540	−1	a	...
871					
...	+44·844	+12·537	−4	...	...
...	45·426	−12·173	−4	m	...
...	45·449	−41·732	0·90	...	...
...	45·593	+22·067	−1	...	...
...	45·662	−9·761	0·85	...	..
...	+45·687	+29·229	1·00	...	...
S *	45·715	+9·490	4·20	42.8539	6·9
*	45·952	+15·729	1·20	42.8540	9·9
...	46·310	+16·024	0·85	...	...
...	46·313	−32·034	−1	...	...
881					
...	+46·439	−0·254	−5	m	...
...	46·525	+9·549	−5	...	...
...	46·554	+6·238	−3	..	...
...	46·803	−24·318	−2	...	...
*	46·823	−28·713	2·00	43.8827	9·0
...	+47·[illegible]	+8·150	0·90	...	...
...	47·209	−8·156	0·85	...	..
	47·327	−26·266	−1	...	...
	47·378	+38·183	−5	...	...
...	48·236	+10·780	0·65	...	...
891					
...	+48·427	−30·923	−3	b	..
...	48·450	−11·036	0·90	...	...
...	48·477	+0·761	−5	...	...
...	48·513	−44·552	−1	b	.
...	48·596	+30·696	−5	...	.
	+48·814	−59·[illegible]	1·00	42.8541	10·2
...	48·893	+28·747	−4	...	...
*	48·904	−33·356	1·25	43.8828	9·7
*	48·977	+22·421	1·00	42.8542	10·2
...	49·216	−20·547	−5	m	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
901-930					
901			°		
...	+49·401	+26·145	− 2	...	...
...	49·409	−31·437	− 3	...	...
*	49·800	−18·173	1·10	43.8829	10·3
...	50·309	−48·106	− 4	e	...
...	50·340	+ 7·273	0·90	...	...
...	+50·373	−29·010	0·90	...	...
...	50·432	+38·136	− 4	...	...
n *	50·510	−22·563	1·60	43.8830	9·2
...	50·566	−16·975	1·00	..	...
...	50·576	−13·082	0·90	...	..
911					
...	+50·626	−30·769	− 2	e	...
...	50·708	+ 6·791	− 5	...	...
n *	50·769	−22·460	1·10	43.8830	9·2
...	50·953	+17·490	− 3	...	...
*	51·782	+ 6·425	1·60	42.8543	9·6
...	+51·837	+24·189	− 4	...	...
*	52·108	−33·656	1·40	43.8831	9·9
...	52·197	−51·418	− 5	e	...
...	52·619	−17·009	0·65	e	...
...	52·709	−23·086	0·70	...	...
921					
...	+52·748	− 3·407	− 4	e	...
*	52·808	− 8·325	1·60	43.8832	9·2
...	52·909	− 2·971	− 4	e	...
...	53·120	−43·822	0·65	...	...
...	53·319	−15·254	0·85	...	...
...	+53·394	−47·075	1·00	43.8833	10·4
...	53·516	−59·231	0·90	...	...
...	53·799	+ 1·061	0·70	...	...
...	54·077	−38·772	0·90	...	...
S *	54·099	−12·409	1·80	43.8834	9·0
931-960					
931			°		
...	+54·192	+19·063	− 5	...	...
*	54·567	−45·649	1·00	43.8835	10·4
...	54·742	+42·710	− 5	...	...
...	54·852	+ 4·216	0·65	...	...
...	54·921	−25·641	− 2	e	...
...	+54·927	−35·571	− 5	e	...
...	55·057	− 3·198	0·70	...	...
...	55·116	−14·718	− 5	e	...
N	55·199	−48·051	− 5	e	...
N	55·221	−47·942	− 5	e	...
941					
...	+55·318	− 6·204	− 4	e	...
...	55·604	+40·009	− 5	...	...
..	55·613	− 1·908	− 5	e	...
...	55·713	−30·447	− 5	e	...
...	55·877	−31·849	1·00	...	...
...	+56·346	+16·185	− 4	...	...
...	56·595	+45·520	− 1	...	...
...	56·705	− 5·607	0·80	...	...
...	56·718	+26·777	− 1	...	..
*	56·743	− 5·945	1·00	43.8837	10·2
951					
*	+56·919	+ 1·277	1·10	43.8836	10·2
...	57·016	−55·984	− 4	e	...
...	57·087	+17·486	− 5	...	...
...	57·321	+18·381	− 5	...	...
*	57·386	−19·180	1·80	43.8838	9·6
...	+57·456	+ 0·048	0·70	...	...
...	57·620	+25·718	− 4	...	...
...	57·696	+26·361	1·00	...	...
...	57·833	−40·012	1·10	43.8839	9·8
...	58·013	+ 1·856	1·00	...	...
961-969					
961			°		
...	+58·256	+52·432	− 4	...	...
...	58·284	− 8·091	− 5	e	...
...	58·561	−17·865	0·70	...	...
...	58·924	−35·643	0·90	...	...
..	58·925	−17·123	0·70	...	...
*	+59·094	+ 7·324	1·20	42.8544	10·0
...	59·628	−40·342	0·90	...	...
...	59·675	+ 6·131	1·00	...	...
...	60·043	−32·318	1·80	43.8840	9·3

908, 913. C.P.D., mass.

939, 940. 43°·114, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
1-20					
1			°		
...	−59·829	−33·517	1·70	43.8828	9·7
*	59·625	+ 7·150	1·05	...	...
*	59·405	−18·317	1·20	43.8829	10·3
...	59·399	−31·583	0·65	...	...
...	59·308	+17·380	− 1	...	...
...	−59·259	+ 6·678	− 5	...	...
...	59·247	−29·548	− 5	M	...
...	58·791	+46·568	− 5	...	...
...	58·757	−13·190	1·00	...	...
...	58·654	+24·092	− 2	...	...
11					
...	−58·643	−17·093	1·10	...	...
n *	58·550	−22·670	1·90	43.8830	9·2
*	58·501	−29·119	1·10	...	...
...	58·462	−22·282	− 5	M	...
n *	58·292	−22·565	1·70	43.8830	9·2
...	−58·218	+51·875	− 5	...	...
...	58·193	−30·880	− 1	E	...
*	58·151	+ 6·339	2·00	42.8543	9·6
...	57·984	−48·212	− 2	E	...
...	57·853	+45·128	− 5	...	...
21-40					
21			°		
...	−57·607	− 0·098	− 4	M	...
...	57·479	−35·301	− 5	M	...
...	57·386	+ 9·200	− 5	M	...
...	56·903	− 3·461	− 1	E	...
...	56·743	− 3·013	0·75	E	...
*	−56·677	− 8·369	2·10	43.8832	9·2
...	56·635	+57·621	− 2	...	...
*	56·629	−33·699	1·80	43.8831	9·9
...	56·609	−17·066	0·75	E	...
...	56·437	+53·897	− 5	...	...
31					
...	−56·347	−23·117	0·65	...	...
...	56·294	+42·702	− 2	...	...
...	56·288	+33·049	− 2	...	...
...	56·243	−47·126	− 5	M	...
...	56·117	+ 1·543	− 5	M	...
...	−56·120	+19·046	− 3	...	...
...	56·000	−51·467	− 1	E	...
...	55·983	+ 1·046	0·90	..	...
*	55·966	−15·285	1·10	...	...
...	55·917	+16·070	− 4	...	...
41-60					
41			°		
...	−55·349	+40·039	− 1	...	...
...	55·325	+23·339	− 5	M	...
...	55·316	−43·852	0·65	...	...
S *	55·270	−12·414	2·10	43.8834	9·0
...	55·024	+ 4·227	0·95	...	...
...	−54·950	−47·089	1·15	43.8833	10·4
...	54·896	+40·253	− 4	...	...
...	54·602	− 3·169	0·70	...	...
...	54·500	−38·763	1·00	...	...
...	54·491	+45·557	− 2	...	...
51					
...	−54·444	−59·254	0·65	...	...
...	54·425	+17·491	− 5	M	...
...	54·409	−27·641	− 5	M	...
...	54·229	− 6·172	− 2	E	...
...	54·207	−14·682	− 4	E	...
...	−54·119	−49·965	− 4	M	...
...	54·075	− 1·859	− 1	E	...
...	54·064	−25·618	− 1	E	...
...	53·933	−38·611	− 4	M	...
...	53·912	− 4·018	− 5	M	...

ES measured from 1, 114, 247, 395, 529, 685, 806, 942, 1069, 1186, 1310, 1426.
NM ,, ,, 47, 177, 315, 462, 598, 748, 860, 996, 1121, 1241, 1363, 1461.

Diameters under 1·00 estimated by NM are unreliable.
12, 15. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
61–120					
61					
...	−53·898	+16·248	0·70	° ...	...
..	53·845	+26·846	0·65	...	...
...	53·809	−45·650	1·00	43.8835	10·4
..	53·798	+10·755	− 4	M	...
	53·755	−35·552	0·65	E	...
..	−53·442	+16·069	− 4	...	
..	53·164	+17·570	− 5	...	...
..	53·120	−30·389	− 4	E	...
..	53·115	−15·609	− 5	M	...
N	53·114	−47·967	− 1	E	...
71					
...	−53·061	+52·532	0·65	...	.
..	53·039	+29·004	− 4	...	..
..	52·987	+18·463	0·75	...	...
.	52·914	−31·791	0·95	...	...
	52·906	+25·795	0·65	...	...
...	−52·901	− 2·488	− 5	M	...
*	52·876	+ 1·351	1·60	43.8836	10·2
...	52·867	− 5·531	0·90	...	...
...	52·848	+26·451	1·00	...	...
*	52·819	− 5·870	1·40	43.8837	10·2
81					
...	−52·677	−13·446	− 5	M	...
...	52·560	+37·141	− 5	...	...
...	52·518	+30·079	− 5	M	...
.	52·497	−32·634	− 5	M	...
.	52·294	+ 0·143	0·80	...	..
...	−52·230	+54·303	− 4	...	...
...	52·136	− 6·998	− 4	M	...
.	52·061	−35·733	− 5	M	...
...	52·045	−35·076	− 5	M	...
...	51·921	+23·229	− 5	M	...
91					
...	−51·913	+ 0·189	− 5	M	...
...	51·851	+33·267	− 5	M	..
...	51·799	+ 1·973	1·00	...	...
*	51·787	−19·076	1·80	43.8838	9·6
.	51·610	−33·993	− 5	M	...
†	−51·336	+34·967	− 4	...	..
...	51·261	+29·593	− 5	M	...
...	51·239	− 7·965	− 2	E	...
	51·180	−21·663	− 5	M	...
..	51·127	+37·653	− 5	...	.
101					
..	−51·049	−25·585	− 3	B	...
..	51·036	−55·882	0·65	E	...
*	50·865	+ 7·466	1·80	42.8544	10·0
.	50·843	+35·292	− 5	M	...
†	50·705	−39·887	1·20	43.8839	9·8
..	−50·639	−17·736	0·85	...	...
...	50·591	− 3·421	− 5	M	...
.	50·540	−12·769	− 5	M	...
*	50·477	+45·691	2·50	42.8545	8·8
...	50·303	−16·975	0·90	...	...
111					
*	−50·263	+ 6·301	1·00	...	...
	50·208	−22·122	− 5	M	...
...	50·177	+47·803	− 5	...	..
†	49·772	−49·799	− 5	M	.
	49·758	+52·847	− 4	...	
.	−49·753	+56·848	1·0	...	.
...	49·752	−35·509	1·0	...	
.	49·608	+38·980	− 5	...	...
	49·593	−12·652	− 5	M	
	49·478	−51·031	− 3	M	..
121–180					
121					
..	−49·288	−16·810	− 5	° M	...
...	49·285	+43·538	− 5	...	...
...	49·233	− 3·153	0·65	B	...
...	49·212	−50·774	− 5	M	...
...	49·172	−10·427	0·85	...	...
...	−49·022	+ 7·424	− 5	M	...
...	48·919	−40·183	0·95	...	...
...	48·846	−23·619	− 5	M	...
...	48·836	−25·453	− 5	M	...
...	48·787	+44·164	0·85	...	...
131					
*	−48·732	−32·147	2·00	43.8840	9·3
...	48·552	+24·206	− 2	...	...
...	48·321	−50·956	0·90	...	...
...	48·160	−11·299	− 1	B	...
...	47·953	+ 1·972	0·65	...	...
...	−47·906	+14·296	− 5	M	...
...	47·810	−43·861	− 4	M	...
...	47·765	−55·012	− 1	B	...
...	47·707	−35·674	− 4	M	...
...	47·666	−26·703	− 3	M	...
141					
...	−47·652	−42·251	− 5	M	...
...	47·597	−21·406	− 1	B	...
...	47·549	+27·612	− 5	...	..
...	47·529	+ 4·713	− 4	M	...
...	47·492	− 5·287	− 5	M	...
...	−47·383	+25·950	0·80	...	..
...	47·334	−41·172	− 3	M	...
...	47·119	+ 6·445	− 1	...	...
...	46·814	+27·849	1·00	...	...
...	46·735	−27·573	1·00	...	...
151					
...	−46·696	−17·302	− 5	M	...
*	46·678	+24·788	1·20	...	...
...	46·663	−22·147	0·95	...	...
...	46·602	+22·543	0·65	...	...
...	46·594	−32·734	− 5	M	...
...	−46·410	−45·748	− 4	M	..
...	46·364	+14·277	− 3	A	...
...	46·314	+25·467	− 5	M	..
S *	46·029	+43·469	2·95	42.8546	8·0
*	45·850	−24·575	1·20	...	...
161					
...	−45·741	+35·514	− 5	...	...
*	45·737	+31·518	2·10	42.8547	9·2
...	45·735	−13·018	0·70	B	...
*	45·728	−51·824	1·70	43.8841	10·0
...	45·685	+27·717	− 5	M	...
	−45·584	+11·613	− 2	...	...
...	45·517	+21·918	0·85	...	...
†	45·512	−14·968	0·65	A	...
*	45·508	−20·044	1·10	...	...
...	45·417	+24·699	− 1	...	...
171					
*	−45·410	+14·023	1·00	...	...
*	45·322	+13·869	1·00	...	...
...	45·194	+31·215	0·65	...	...
...	45·167	+27·526	− 1	...	...
..	45·141	−51·522	− 5	M	...
...	−45·050	+18·338	− 5	...	...
...	44·932	+53·044	− 5	...	...
...	44·688	+15·750	− 4	M	...
...	44·459	+ 4·294	− 5	M	...
...	44·419	−33·341	− 5	M	...
181–240					
181					
...	−44·364	+15·931	− 5	° M	...
..	44·246	+28·957	0·85	...	...
...	44·224	− 8·947	− 1	M	...
...	44·162	− 7·726	0·65	B	...
...	44·136	+29·197	1·00	...	...
...	−43·896	−14·381	1·00	...	...
...	43·867	+ 5·341	− 1	...	...
...	43·856	−16·041	0·65	B	...
..	43·780	−40·602	− 5	M	..
*	43·709	−29·434	1·00	...	...
191					
...	−43·597	+ 4·330	0·95	...	...
†	43·547	−44·894	0·90	...	...
...	43·541	− 2·530	− 5	M	...
...	43·504	−11·291	− 5	M	...
...	43·472	+51·961	− 5	M	...
...	−43·453	− 7·898	1·00	...	...
...	43·444	−55·163	− 1	...	...
...	43·409	+17·001	− 4	...	...
...	43·315	+18·060	− 5	M	...
...	43·165	− 3·442	− 5	M	..
201					
...	−43·117	+29·608	0·75	...	...
...	42·991	−17·918	0·65	B	...
...	42·977	−15·334	0·70	B	...
..	42·865	+17·693	− 5	M	...
...	42·822	−10·559	0·90	...	..
...	−42·785	−41·140	− 5	M	...
*	42·760	−19·779	1·40	43.8842	9·9
...	42·696	−47·105	− 5	M	...
...	42·660	+56·963	− 3	...	...
...	42·612	−27·320	− 4	M	...
211					
...	−42·568	− 4·481	0·80	A	...
..	42·565	−57·536	− 5	M	...
...	42·562	+20·745	− 5	M	...
...	42·308	−18·974	− 5	M	...
*	42·279	+ 9·744	1·10	...	...
..	−42·103	+11·726	− 5	M	...
...	42·044	+ 6·433	− 5	M	...
...	41·974	−19·559	0·70	D	...
...	41·932	+48·787	0·65	...	...
...	41·886	+12·973	− 3	M	...
221					
...	−41·866	− 0·590	− 1	M	...
...	41·538	−15·554	− 2	M	...
...	41·405	−11·591	0·70	B	...
..	41·381	−20·271	− 4	M	...
..	41·224	+ 7·129	1·00	..	...
...	−41·102	+12·275	− 5	M	...
	41·091	−28·262	− 4	M	...
..	41·087	+19·328	0·90	...	...
...	40·825	−52·596	− 4	M	...
...	40·735	+58·946	− 5	M	...
231					
...	−40·705	−31·730	− 4	M	...
...	40·677	+34·994	0·70	...	...
...	40·644	+40·687	− 5	M	...
...	40·634	+59·587	− 5	...	...
..	40·625	+57·571	− 5	...	...
...	−40·617	+19·200	0·65	A	...
*	40·588	−56·251	2·00	43.8843	9·7
..	40·556	−30·945	0·65	B	...
...	40·377	−22·341	0·95	...	...
...	40·374	−13·940	0·65	D	...

70. Miss. 43·113, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
241-300					
241					
*	−40·364	+28·986	1·20	...	...
...	40·347	−35·855	− 5	M	...
...	40·287	−14·138	− 5	M	...
...	40·286	+12·574	− 2	...	...
...	40·121	−19·376	1·00	...	...
‡	−39·967	−54·248	− 4	M	...
...	39·860	+46·745	1·00	..	.
..	39·795	−32·060	0·65	A	...
...	39·794	+26·750	1·05	...	...
*	39·647	−19·259	1·20	43.8844	10·2
251					
...	−39·623	− 9·069	− 2	M	...
...	39·568	− 9·004	− 2	M	...
...	39·467	+24·256	0·75	...	...
...	39·273	+20·682	− 1	...	...
...	39·264	+ 4·100	− 1	...	...
...	−39·255	− 5·365	0·75	...	...
...	39·211	−30·237	− 1	M	...
...	39·047	− 8·825	− 1	M	...
...	38·851	+25·808	− 5	M	...
...	38·784	+28·094	0·80	...	...
261					
...	−38·766	− 3·891	− 2	M	...
...	38·729	+ 0·759	− 5	M	..
...	38·721	− 0·191	− 1	M	...
...	38·646	−56·366	− 4	M	...
...	38·617	−19·580	− 5	M	...
...	−38·538	+13·737	− 5	M	...
...	38·517	+11·269	0·70	...	...
...	38·430	+33·730	1·00	...	...
*	38·350	+ 3·816	1·20	42.8548	10·2
...	38·339	−16·772	− 5	M	...
271					
...	−38·236	+ 3·196	− 2	...	...
*	38·205	+ 6·550	1·05	...	...
...	38·203	+13·395	0·95	...	...
...	38·162	− 0·380	− 3	M	...
...	38·144	−59·226	− 3	M	...
..	−37·975	−26·007	− 5	M	...
...	37·926	−25·253	− 1	M	...
...	37·850	+22·486	− 5	M	..
...	37·780	−36·216	− 3	M	...
...	37·744	+14·836	− 5	M	...
281					
...	−37·689	+29·192	0·65	...	..
...	37·653	−30·454	1·00	...	...
...	37·584	+ 9·690	− 1	...	...
...	37·435	−22·792	− 4	M	...
...	37·395	−15·658	0·85	A	...
...	−37·291	− 7·287	− 5	M	...
...	37·133	−58·541	0·80	B	...
...	37·058	− 2·978	− 2	M	...
...	37·047	− 8·476	0·70	B	...
...	36·869	−38·640	0·90	...	...
291					
...	−36·821	+10·643	− 3	M	...
...	36·779	−45·907	− 5	M	...
...	36·776	+30·136	− 5	M	...
...	36·686	+17·548	0·75	...	...
...	36·548	+30·547	0·75	...	...
...	−36·513	+ 6·853	− 5	M	...
...	36·475	−41·136	− 5	M	...
...	36·460	− 2·663	− 4	M	..
...	36·397	−16·625	− 5	M	...
...	36·281	−26·878	− 5	M	...
301-360					
301					
...	−36·190	−53·197	− 1	M	...
...	36·128	−52·732	− 5	M	...
*	36·105	−44·311	1·30	43.8845	10·2
...	36·090	+41·640	− 4	...	
...	36·086	+ 1·636	− 4	M	...
	−36·066	− 7·993	− 5	M	...
...	35·753	+48·130	0·90	...	...
...	35·735	+59·743	− 3	...	.
..	35·644	−11·078	− 4	M	...
...	35·513	+ 9·588	0·75	...	...
311					
...	−35·267	+21·161	− 1	...	..
...	35·241	−51·591	− 2	M	...
...	35·205	+27·331	− 3	...	...
...	35·099	+38·277	0·95	...	...
†	34·966	− 1·156	1·00	43.8848	10·4
‡	−34·952	− 9·087	1·00	43.8847	9·8
*	34·847	−30·855	1·70	43.8846	9·7
...	34·784	−16·567	− 5	M	...
...	34·725	+43·461	− 5	M	...
...	34·653	−50·812	− 5	M	...
321					
...	−34·635	−34·093	− 4	M	...
†	34·558	−34·900	− 1	M	...
...	34·542	+43·753	− 5	...	...
...	34·536	+35·174	− 5	M	...
...	34·515	+53·449	− 5	M	...
N	−34·482	−40·550	0·85	A	...
...	34·471	−44·551	− 4	M	...
...	34·434	+16·787	− 5	M	...
...	34·325	+15·583	0·70	...	...
...	34·284	−20·182	1·00	...	...
331					
...	−34·269	−38·884	1·10	...	...
...	34·173	+27·740	− 1	...	...
...	34·004	−34·419	− 5	M	...
...	33·914	−42·986	− 1	M	...
...	33·877	+13·882	0·70	...	...
...	−33·858	−31·040	− 5	M	...
...	33·751	+ 9·006	0·90	...	...
...	33·580	+16·149	0·80	...	...
...	33·541	+28·558	− 5	M	...
...	33·529	− 5·667	0·75	B	...
341					
...	−33·476	+21·589	0·70	...	...
...	33·392	−29·426	− 4	M	...
*	33·379	+17·920	1·50	42.8549	10·0
...	33·263	+41·113	0·90	...	...
...	33·251	−23·671	− 5	M	..
...	−33·233	− 2·766	− 5	M	...
†	33·230	+44·953	0·95	...	...
...	33·205	+24·181	− 3	M	...
...	33·186	+29·591	− 3	...	...
...	33·185	+52·777	− 5	M	...
351					
...	−33·028	−47·975	0·95	...	...
...	32·948	−36·360	0·80	B	..
...	32·853	− 4·739	0·75	B	...
...	32·481	+ 8·450	− 5	M	...
...	32·469	+ 8·543	0·80	...	...
...	−32·456	+17·287	− 3	M	...
...	32·415	−13·626	− 5	M	...
...	32·414	−20·103	0·65	B	...
...	32·280	+ 2·087	− 4	B	...
...	32·233	+26·953	− 1	...	...
361-420					
361					
..	−32·194	+24·607	− 5	M	...
	32·037	− 3·739	0·85	B	...
...	32·035	−28·519	− 5	M	...
...	31·944	−51·508	− 1	M	...
...	31·931	+55·073	− 2	...	...
..	−31·848	− 7·653	− 3	M	...
	31·759	+10·121	− 5	M	...
...	31·692	−16·354	− 5	M	...
...	31·638	+ 2·362	− 5	M	...
...	31·594	+41·021	− 1	...	...
371					
†	−31·562	+44·947	− 4	M	...
...	31·553	+52·140	1·00	...	...
...	31·545	+20·105	− 5	M	...
...	31·480	+43·166	0·80	...	...
...	31·455	+ 0·780	− 4	M	...
...	−31·382	−35·452	0·95	...	...
...	31·343	−37·240	− 5	M	...
...	30·923	+38·754	− 5	M	...
...	30·902	− 0·102	− 5	M	...
...	30·858	−35·260	− 5	M	...
381					
*	−30·855	−36·825	1·70	43.8849	9·8
...	30·758	+26·842	0·65	...	...
...	30·673	−51·087	0·90	...	...
...	30·632	+43·595	0·90	...	...
...	30·489	+25·322	− 5	M	...
*	−30·464	+33·086	1·00	...	...
...	30·311	+ 9·423	0·80	...	...
...	30·296	+ 1·767	0·75	...	...
...	30·198	+ 2·893	− 5	M	...
...	30·170	+17·158	0·90	...	...
391					
...	−30·157	+30·761	− 3	M	...
...	30·119	− 7·784	0·80	B	...
...	30·097	−37·950	0·75	A	...
...	30·069	−20·304	− 5	M	...
‡	29·980	+29·525	1·70	42.8550	9·2
...	−29·916	+53·790	− 3	...	...
...	29·828	+24·646	− 5	M	...
...	29·729	−31·655	0·90	...	...
...	29·639	+56·825	− 5	M	...
...	29·616	−15·853	− 5	M	...
401					
...	−29·588	+58·342	− 5	M	...
...	29·574	−16·984	− 5	M	...
...	29·550	−27·054	− 3	M	...
..	29·504	+41·485	− 3	...	...
...	29·483	+38·036	− 5	M	...
...	−29·427	+30·682	− 5	M	...
...	29·396	+ 4·768	− 5	M	...
...	29·281	−34·679	− 5	M	...
*	29·196	− 5·935	1·15	43.8850	10·3
...	29·079	+30·699	− 5	M	...
411					
...	−28·918	+21·969	− 5	M	...
...	28·914	−16·611	0·85	...	...
...	28·898	+18·832	− 5	M	...
..	28·804	+ 8·718	− 5	M	.
...	28·773	+ 7·581	0·85	...	...
...	−28·594	−15·114	0·70	C	...
...	28·589	−13·735	− 4	M	...
...	28·486	+34·114	− 1	...	...
...	28·476	+29·306	− 5	M	...
...	28·403	−40·117	− 5	M	...

326. 44°·114, obscured by réseau.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′.	″.	0·1″.	No.	Mag.
421-480					
421					
...	−28·371	−49·033	− 1	M	...
...	28·361	− 2·959	− 3	M	...
...	28·016	−39·912	− 5	M	...
...	27·941	− 4·699	− 4	M	...
...	27·898	−49·473	0·80	...	...
*	−27·867	+42·891	1·10	...	...
*	27·845	−26·236	1·35	43.8851	9·8
..	27·791	+28·576	− 5	M	...
...	27·699	+31·356	0·65	...	...
...	27·602	+35·332	1·00	...	..
431					
†	−27·563	− 9·970	− 5	M	...
...	27·450	−21·137	− 5	M	...
...	27·343	−21·243	0·65	B	...
...	27·306	− 5·779	− 1	M	...
...	27·245	−12·048	− 2	M	...
...	−27·195	−12·843	− 5	M	...
‡	27·169	−34·816	1·25	43.8852	10·0
.	27·164	+23·908	− 2	M	..
..	27·140	+29·394	− 3	...	...
...	27·123	+35·305	0·70	...	..
441					
...	−27·034	−20·214	− 1	M	...
...	27·023	+41·638	− 1	.	...
..	27·007	−15·403	1·00	...	...
..	26·935	−13·946	− 3	M	...
...	26·888	+14·233	− 5	M	..
*	−26·743	+21·108	1·15	..	...
...	26·563	−18·718	− 4	M	...
...	26·494	24·722	− 2	M	...
...	26·423	+ 5·342	0·70	.	.
...	26·315	−36·169	− 3	M	..
451					
...	−26·239	+27·123	− 5	M	...
...	26·224	−19·065	− 5	M	...
...	26·098	− 3·265	− 4	M	...
...	25·722	+17·245	− 2	...	..
...	25·552	− 2·985	− 3	M	..
...	−25·539	−22·317	0·70		...
...	25·512	− 9·341	0·90		...
*	25·492	+ 4·372	1·00	...	...
*	25·093	−25·236	1·30	43.8854	10·2
†	25·042	−15·708	− 5	M	...
461					
†	−25·002	−31·447	− 1		...
S ‡	24·956	−44·034	2·40	43.8853	8·8
..	24·835	+ 9·219	− 4	M	...
..	24·801	−16·884	0·5	D	...
.	24·775	− 3·875	− 5	M	...
...	−24·765	+48·395	− 5	M	...
*	24·697	−24·040	1·50	43.8855	9·9
...	24·548	+ 8·042	0·80	...	...
..	24·534	−21·072	0·65	B	...
*	24·476	−25·526	1·00	.	...
471					
...	−24·446	+52·485	− 5	..	...
..	24·351	−25·162	− 3	M	...
a *	24·241	− 0·213	1·40	43.8856	10·2
...	24·233	+44·766	0·80	...	...
...	24·190	+ 8·028	0·70		.
..	−24·107	+54·022	− 2	.	...
*	23·963	−21·088	1·00	.	...
...	23·908	+13·439	0·85	.	...
...	23·843	−35·204	0·80	...	...
...	23·761	−14·187	− 5	M	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′.	″.	0·7″.	No.	Mag.
481-540					
481					
*	−23·745	+26·935	1·20	42.8552	10·2
...	23·720	−34·793	0·75	...	...
...	23·656	+19·118	0·70	A	...
...	23·588	−40·886	− 5	M	...
.	23·560	−17·177	− 5	M	...
...	−23·458	+56·973	0·85	...	...
...	23·457	−15·519	0·70	B	...
*	23·319	−29·044	2·40	43.8857	8·7
*	23·187	+16·176	1·00	...	...
...	23·077	−44·200	1·00	...	...
491					
*	−23·070	+11·657	1·20	42.8553	9·9
...	23·056	−40·716	0·85	A	...
..	22·921	+ 4·129	− 5	M	...
..	22·817	+44·346	0·95	...	...
...	22·814	−47·362	− 5	M	...
...	−22·806	+33·972	− 5	M	...
...	22·753	−53·628	− 1	M	...
.	22·624	+55·662	− 5	..	..
...	22·599	+48·497	− 5	M	...
...	22·520	−26·448	− 5	M	.
501					
..	−22·517	−33·228	− 3	M	...
...	22·476	−26·939	− 5	M	...
.	22·470	−34·090	0·85	..	...
..	22·227	−51·167	− 5	M	...
...	22·210	+54·219	− 2	..	...
..	−21·985	+29·463	− 5	M	...
..	21·928	+25·788	− 5	M	...
†	21·825	−49·775	− 4	M	...
.	21·800	+43·425	− 5	M	...
..	21·596	−22·156	− 2	M	...
511					
...	−21·474	+ 8·893	− 5	M	...
..	21·289	− 5·873	− 4	M	...
...	21·134	−26·205	− 4	M	...
...	21·099	+30·701	1·00	..	...
...	21·050	−44·757	0·90	...	...
..	−20·952	+58·612	− 5	M	...
‡	20·947	−29·835	1·80	43.8858	9·2
...	20·779	+ 5·717	0·80	...	...
...	20·760	+46·668	− 5	...	...
*	20·666	−22·520	1·60	43.8859	9·8
521					
..	−20·664	−13·860	0·65	B	...
...	20·613	+13·542	− 1	M	...
...	20·550	+16·871	0·65	B	...
...	20·503	−10·942	0·90	...	...
..	20·365	− 5·554	0·65	B	...
...	−20·227	−10·345	− 5	M	...
*	20·158	−55·863	1·05	...	...
†	20·138	+55·556	− 1	...	...
...	19·823	− 1·247	− 3	M	...
...	19·750	+52·828	0·90	...	...
531					
*	−19·709	−55·665	1·80	43.8860	9·7
...	19·673	−10·855	− 3	M	...
..	19·635	+58·118	− 5	...	...
...	19·582	+ 9·829	− 5	M	...
..	19·503	+37·794	− 1	...	...
...	−19·367	−32·949	− 3	M	...
...	19·364	− 1·982	− 5	M	...
*	19·271	+35·145	1·35	42.8554	9·8
...	19·214	− 0·725	− 5	M	...
...	19·188	−37·331	− 4	M	..

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′.	″.	0·7″.	No.	Mag.
541-600					
541					
...	−19·000	−50·252	− 2	M	...
...	18·944	−27·479	− 3	M	...
...	18·942	+14·161	− 1	...	...
...	18·916	−11·066	− 2	M	...
...	18·908	−33·938	0·95	...	...
...	−18·900	−16·643	0·70	B	...
...	18·866	−12·834	0·90	...	...
*	18·861	+38·416	1·15	...	..
...	18·756	+35·791	− 5	M	...
...	18·756	−20·012	− 4	M	...
551					
...	−18·686	− 6·577	− 4	M	...
...	18·559	+36·332	0·90	...	...
...	18·554	−16·527	− 4	M	...
...	18·448	−15·085	0·85	...	...
...	18·371	−25·080	0·90	...	...
...	−18·341	−23·762	− 5	M	...
...	18·315	−27·074	− 2	M	...
...	18·268	−44·958	1·00	...	...
...	18·229	+53·505	0·80	...	...
...	18·212	+51·431	1·00	..	...
561					
...	−18·068	+19·702	0·65	...	...
...	17·940	+53·928	0·85	...	...
...	17·855	−44·716	0·65	...	...
*	17·844	+56·237	1·25	...	...
...	17·646	+ 9·790	− 4	M	...
...	−17·616	− 8·622	− 5	M	...
..	17·573	+15·567	1·00	...	...
*	17·539	+45·024	1·50	42.8555	9·6
...	17·498	−26·519	− 5	M	...
...	17·453	+14·622	− 3	M	...
571					
...	−17·369	+37·208	0·95	..	...
...	17·326	+24·798	0·90	...	...
...	17·276	+55·671	− 1	...	...
...	17·226	+26·721	− 5	M	...
...	17·105	+11·117	− 5	M	...
...	−16·972	+ 2·052	− 1	..	..
*	16·845	+ 4·302	2·00	42.8556	9·2
...	16·833	− 5·535	0·85	...	...
...	16·683	− 0·579	0·95	...	...
...	16·657	−56·769	− 5	M	...
581					
...	−16·604	−43·103	0·90	...	...
...	16·508	− 3·138	− 5	M	...
...	16·397	−17·244	0·90	...	...
...	16·084	− 2·253	− 2	M	...
...	16·065	−23·051	− 5	M	...
*	−16·022	−21·128	1·05	43.8861	10·4
...	15·972	− 8·860	− 5	M	...
...	15·912	−31·558	0·70	B	...
...	15·831	− 5·166	0·90	...	...
...	15·785	+43·128	− 1	..	...
591					
...	−15·680	+ 8·566	− 4	M	...
...	15·676	−38·194	− 3	M	...
...	15·650	−44·244	0·95	...	...
...	15·438	+28·794	− 1	...	...
...	15·327	+53·698	− 4	...	...
...	−15·189	+40·201	− 1	...	...
...	15·085	−18·033	− 4	M	...
...	14·855	−10·790	0·70	B	...
...	14·751	+44·636	0·75	...	...
...	14·711	+21·009	0·80	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. o·70.	C.P.D. No.	C.P.D. Mag.
601-660					
601					
...	−14·578	−35·945	− 5	M	...
...	14·483	+36·910	− 5	M	...
...	14·396	+ 8·422	− 4	M	...
...	14·358	+ 1·992	− 5	M	...
†	14·287	−54·725	− 5	M	...
*	−14·257	+38·926	1·10	...	...
...	14·209	+ 7·859	− 5	M	...
...	14·140	−49·078	− 5	M	...
...	14·102	−17·652	0·65	D	...
...	13·980	−25·490	− 4	M	...
611					
...	−13·946	−43·202	− 5	M	...
...	13·918	− 2·337	0·75	D	...
*	13·909	−40·964	1·15	43.8862	10·2
...	13·893	−52·975	− 5	M	...
...	13·849	+26·372	0·70	...	...
...	−13·816	−36·241	0·70	B	...
...	13·798	+48·289	− 5	...	...
...	13·664	+32·724	− 3	...	...
...	13·656	+45·817	0·65	...	...
...	13·651	− 6·448	0·90	...	...
621					
...	−13·599	+58·782	− 5	.	...
...	13·592	− 6·289	− 5	M	...
...	13·503	+51·431	− 1	...	...
S *	13·386	+41·643	2·30	42.8557	8·4
...	13·286	+26·809	− 5	M	...
...	−13·109	− 3·861	− 5	M	...
...	12·965	−34·043	0·90	D	...
...	12·948	+23·526	0·95	...	...
...	12·883	− 0·065	0·70	γ	...
...	12·881	−27·542	− 5	M	...
631					
...	−12·871	−14·685	− 4	M	...
*	12·502	− 8·178	1·40	43.8863	9·9
...	12·477	+31·878	− 5	M	...
†	12·363	+44·946	0·80	...	...
...	12·332	+10·204	0·90	...	...
...	−12·290	−12·298	− 5	M	...
...	12·269	− 4·323	0·80	B	...
*	12·264	+45·039	1·15	42.8559	10·0
...	12·260	−31·977	− 5	M	...
...	12·249	+16·258	− 5	M	...
641					
...	−12·215	− 0·212	− 5	M	...
...	12·131	+48·716	− 5	...	...
...	12·100	−12·871	− 5	M	...
...	12·067	+19·892	0·65	...	...
...	12·037	+53·279	0·95	...	...
*	−12·023	−52·949	1·05	...	...
...	12·010	−33·144	− 1	M	...
*	11·959	+ 2·419	1·80	42.8558	9·0
...	11·958	+36·863	− 5	M	...
...	11·943	+41·070	0·65	...	...
651					
...	−11·806	+33·065	− 4	...	...
...	11·805	+10·280	− 5	M	...
...	11·677	−53·618	− 5	M	...
...	11·663	− 4·688	− 5	M	...
...	11·629	−58·504	0·65	...	...
*	−11·627	−25·140	1·00	43.8864	10·4
...	11·590	+45·419	0·75	...	...
...	11·554	−33·186	0·80	B	...
...	11·549	+48·061	− 5	M	...
...	11·535	+14·629	− 5	M	...
661-720					
661					
...	−11·481	+22·139	0·75	...	...
...	11·440	+58·745	1·05	...	...
...	11·326	−16·403	0·65	D	...
...	11·286	+ 4·689	− 5	M	...
...	11·161	+51·558	0·85	...	...
...	−11·129	+56·770	− 4	..	...
...	11·104	−31·671	1·00	...	...
...	11·084	+18·423	0·90	...	...
*	11·025	+ 8·453	1·05	...	...
...	10·985	−44·411	− 1	M	...
671					
...	−10·904	+ 8·545	− 3	M	...
...	10·864	+28·081	1·00	...	...
...	10·757	+43·145	0·90	...	...
...	10·744	−56·900	0·65	...	...
*	10·735	−35·211	1·00	43.8865	10·4
...	−10·706	−53·868	− 1	M	...
...	10·692	+23·302	− 5	M	...
...	10·671	+29·454	0·65	...	...
...	10·658	−51·526	− 5	M	...
...	10·646	+ 1·377	− 1	M	...
681					
*	−10·474	−20·323	1·05	43.8866	10·4
...	10·464	+ 4·645	− 5	M	...
...	10·205	+26·444	− 2	M	...
...	10·184	+40·212	0·70	...	...
...	9·970	+50·340	− 5	...	...
...	− 9·937	+ 3·541	1·00	42.8560	10·2
...	9·761	− 4·159	− 5	M	...
...	9·674	+28·716	− 5	M	...
...	9·654	−49·365	− 5	M	...
...	9·519	−11·346	− 5	M	...
691					
*	− 9·498	−21·551	1·05	43.8867	10·4
..	9·385	−10·751	0·90	...	...
...	9·303	−12·847	− 5	M	...
...	9·258	+ 3·964	− 5	M	...
...	9·115	− 8·145	0·70	B	...
...	− 8·992	−53·112	1·00	...	...
...	8·893	−46·817	− 3	M	...
...	8·809	+10·473	− 5	M	...
...	8·749	−31·598	− 4	M	...
...	8·683	−17·905	− 3	M	...
701					
...	− 8·598	+53·568	0·95	...	...
*	8·496	+56·041	1·80	42.8561	9·2
...	8·492	−18·495	0·90	...	...
...	8·442	−14·415	0·90	...	...
*	8·438	−41·820	1·10	43.8868	10·3
...	− 8·409	+11·112	− 5	M	...
...	8·402	+ 9·849	− 3	M	...
...	8·369	+33·066	− 5	M	...
...	8·325	+10·503	0·90	...	...
...	8·317	+31·619	1·00	..	...
711					
...	− 8·271	+21·182	0·70	...	...
...	8·179	+30·235	− 5	M	...
...	7·985	−37·719	− 5	M	...
...	7·974	−17·318	− 5	M	...
..	7·904	+17·794	− 1	...	...
...	− 7·862	+12·637	− 5	M	...
*	7·857	+ 2·181	2·00	42.8562	9·0
†	7·766	−54·809	− 4	M	...
...	7·650	+39·059	− 5	M	...
...	7·589	−34·972	− 5	M	...
721-780					
721					
...	− 7·562	− 9·222	− 4	M	...
...	7·540	+35·531	− 2	...	...
...	7·301	+15·087	− 4	M	...
...	7·214	− 4·773	− 5	M	...
...	7·202	+33·730	− 1	..	...
...	− 7·061	+39·753	− 5	..	..
...	7·040	−16·153	0·70	...	..
...	6·969	+35·875	− 5	M	..
...	6·940	+31·116	− 5	M	...
...	6·855	+14·492	− 4	M	...
731					
...	− 6·791	−40·788	0·65	A	...
...	6·772	−21·268	− 4	M	...
...	6·636	−27·292	− 1	M	...
...	6·572	+32·240	0·70	...	...
...	6·375	− 3·235	− 3	M	...
...	− 6·264	−19·443	− 3	M	...
...	6·142	−20·471	0·90	...	...
...	5·961	+ 2·304	− 5	M	...
...	5·911	+45·692	− 5	...	...
...	5·817	−13·989	− 5	M	...
741					
...	− 5·794	−22·945	0·75	...	...
...	5·750	−55·391	− 4	M *m*	...
...	5·702	−47·394	− 4	M *m*	...
...	5·426	+27·036	0·80	...	...
...	5·399	−42·569	− 5	M *m*	...
...	− 5·388	−51·867	− 2	M	...
...	5·205	+49·099	− 5	...	...
S *	4·933	−33·909	2·20	43.8869	8·9
†	4·858	−49·761	− 5	M *m*	...
*	4·790	+27·461	1·00	...	...
751					
...	− 4·639	+49·858	0·65	...	...
...	4·556	+37·144	− 4	...	...
...	4·556	−37·434	− 5	M *m*	...
...	4·525	−55·346	− 5	M *m*	...
...	4·489	−35·484	− 5	M *m*	...
...	− 4·465	+52·676	− 5	M	...
...	4·308	+51·176	− 5	...	...
...	4·205	+ 4·643	− 4	M *m*	...
...	4·200	+ 0·147	− 4	M *m*	...
...	4·072	+10·495	0·65	B *m*	...
761					
...	− 3·870	+53·368	0·90	...	...
...	3·811	+29·471	0·80	...	...
...	3·768	+49·494	− 5	M *m*	...
...	3·752	+ 0·748	− 4	M *b*	...
...	3·726	−42·760	− 2	M *m*	...
...	− 3·719	+ 3·205	− 2	M *a*	...
...	3·171	+27·655	− 5	M *m*	...
*	3·090	−18·628	1·05	43.8870	10·4
...	3·072	+ 1·349	− 1	M *m*	...
...	2·981	−52·079	− 4	M *m*	...
771					
...	− 2·973	−38·730	− 5	M *m*	...
...	2·881	−31·831	− 5	M *m*	...
...	2·792	− 5·600	− 5	M *m*	...
...	2·790	− 3·620	− 5	M *m*	...
...	2·653	−58·718	1·00	...	...
...	− 2·535	+ 8·395	− 5	M *m*	...
*	2·535	−46·143	1·10	43.8871	10·4
...	2·411	−59·505	− 5	M *m*	...
...	2·189	−12·405	0·65	B *m*	...
...	2·113	+41·849	− 5	M *m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
781–840					
781					
...	− 1·909	+ 1·165	0·80	...	...
...	1·795	−41·890	− 5	M *m*	...
...	1·793	+54·192	− 5	M *m*	...
...	1·778	−38·186	1·00	...	...
...	1·758	−15·768	− 4	M *m*	...
...	− 1·685	+44·806	− 4	...	...
...	1·657	+46·922	− 5	M *m*	...
...	1·411	+43·190	0·85	...	...
...	1·372	+38·545	− 2	...	...
...	1·194	− 9·722	0·65	M *b*	...
791					
...	− 1·112	+14·070	− 5	M *m*	...
...	1·106	−56·029	0·80	M	...
...	1·096	−50·187	− 5	M *m*	...
...	1·059	+15·093	0·80	...	...
...	1·002	−46·647	0·85	...	...
...	− 0·985	+42·223	1·00	...	...
...	0·935	−47·390	0·80	M	...
...	0·742	−57·344	1·00	...	...
...	0·695	+ 1·397	− 5	M *m*	...
...	0·629	+43·879	− 5	M *m*	...
801					
...	− 0·585	+58·952	− 5	...	...
...	0·459	−44·929	− 1	M *m*	...
...	0·425	−44·442	0·65	M *b*	...
...	0·328	−52·182	0·85	M	...
†	− 0·118	−13·063	− 5	M *m*	...
*	+ 0·073	−39·227	1·00	43.8872	10·4
...	0·079	+ 4·205	− 2	M *m*	...
...	0·186	−22·349	0·70	...	...
...	0·228	−30·191	− 2	M *m*	...
...	0·232	−32·561	− 5	M *m*	...
811					
...	+ 0·635	+19·800	0·75	*m*	...
...	0·745	−16·655	− 5	M *m*	...
S *	0·843	+56·924	4·20	42.8564	6·6
...	0·885	− 5·713	0·70	M *a*	...
...	0·978	− 5·123	− 3	M *m*	...
*	+ 0·987	−20·762	1·60	43.8873	9·7
...	1·071	− 2·560	− 5	M *m*	...
...	1·127	−37·594	0·75	M	...
...	1·130	+36·045	− 2	M	...
...	1·266	−39·614	− 3	M *m*	...
821					
*	+ 1·278	+26·674	1·00	42.8565	10·8
...	1·374	− 1·297	− 4	M *m*	...
...	1·513	−46·813	− 2	M	...
...	1·609	−30·744	0·70	M	...
...	1·762	+50·728	0·90	...	...
...	+ 1·832	−40·317	− 4	M *m*	...
*	1·871	−57·331	1·40	43.8874	10·2
...	1·952	+29·402	− 1	...	...
...	1·956	+35·843	− 3	M	...
...	1·994	+16·379	− 4	M *m*	...
831					
...	+ 2·150	− 4·184	− 2	M *m*	...
...	2·426	+ 7·214	− 5	M *m*	...
...	2·426	−33·430	− 5	M *m*	...
...	2·539	+20·840	− 5	M *m*	...
...	2·641	+ 7·980	0·95	...	...
...	+ 2·791	+ 8·454	− 3	M	...
...	3·210	−14·395	0·65	M	...
...	3·281	+13·987	− 3	M	...
...	3·311	− 2·614	0·65	M *a*	...
...	3·377	+26·873	0·90	..	...
841–900					
841					
...	+ 3·403	−45·072	− 5	M *m*	...
...	3·477	−17·486	1·00	...	...
...	3·545	−17·598	0·65	M	...
*	3·569	+58·749	1·10	42.8566	10·8
...	3·632	− 4·578	0·90	M	...
...	+ 3·646	−17·817	− 4	M *m*	...
†	3·801	+ 0·050	0·95	F	...
...	3·923	−43·731	− 4	M *m*	...
...	4·017	+ 9·661	− 4	M *m*	...
†	4·073	−54·845	0·65	...	...
851					
...	+ 4·195	−43·837	− 5	M *m*	...
...	4·209	+35·981	− 4	M *m*	...
*	4·240	+15·570	1·00	42.8567	10·8
...	4·489	−51·178	− 4	M *m*	...
...	4·528	−58·484	1·10	...	...
...	+ 4·576	−16·412	− 5	M *m*	...
†	4·662	−29·872	0·75	...	...
...	4·733	+44·118	0·75	...	...
...	4·767	+40·672	0·65	...	...
...	5·040	−16·675	− 5	*m*	...
861					
...	+ 5·088	−40·282	0·75	M	...
...	5·160	− 59·425	1·15	...	...
...	5·221	−58·403	− 5	M *m*	...
...	5·279	+42·316	1·00	...	...
...	5·343	+ 3·087	0·80	...	...
...	+ 5·344	−30·243	− 5	*m*	...
...	5·485	+12·108	− 5	*m*	...
...	5·493	+ 7·953	− 5	*m*	...
...	5·508	−18·438	0·65	*a*	...
...	5·557	+ 9·041	0·90	...	...
871					
...	+ 5·652	+25·439	− 5	*m*	...
...	5·719	−55·818	− 5	*m*	...
...	5·842	+42·177	− 5	*m*	...
...	5·856	+ 1·188	− 4	*m*	...
...	5·936	+ 9·843	− 5	*m*	...
*	+ 5·975	+24·711	1·05	42.8568	10·4
*	6·016	− 4·675	1·70	43.8875	10·2
...	6·027	−14·444	0·80	...	...
...	6·111	+22·701	− 5	*m*	...
...	6·185	−34·708	− 5	*m*	...
881					
*	+ 6·198	+ 8·814	1·05	42.8569	10·8
...	6·470	−46·144	− 5	*m*	...
S *	6·512	+35·505	2·25	42.8570	7·9
...	6·558	+41·619	− 2	...	...
...	6·586	− 2·341	0·80	*a*	...
...	+ 6·616	+16·681	− 1	...	...
...	6·719	+46·395	1·00	...	...
...	6·727	−27·118	− 5	*m*	...
...	6·728	− 6·313	− 5	*m*	...
...	6·755	+12·108	− 3	*m*	...
891					
...	+ 7·122	−42·795	0·85	...	...
...	7·169	+26·001	− 4	*m*	...
...	7·185	+19·601	− 5	...	...
...	7·268	+ 0·912	− 5	*m*	...
...	7·384	+18·292	0·80	...	...
...	+ 7·384	+ 5·978	0·70	...	...
...	7·559	+34·900	0·65	...	...
...	7·660	+12·937	− 5	*m*	...
*	7·678	−19·633	1·00	...	...
...	7·703	+ 5·449	0·80	...	...
901–960					
901					
...	+ 7·711	−15·989	− 5	*m*	..
...	7·720	+ 1·116	− 5	*m*	...
...	7·744	+15·888	0·85	...	...
...	7·798	+ 5·449	− 5	*m*	...
*	7·913	−17·391	1·70	43.8876	9·8
...	+ 7·938	−15·418	0·95	...	...
...	7·949	+49·700	− 5	*m*	...
...	7·993	−16·039	− 5	*m*	...
...	8·057	−50·411	− 5	*m*	...
...	8·081	+ 6·718	− 3	*m*	...
911					
...	+ 8·118	−24·222	0·80	...	...
...	8·190	− 4·273	− 1	*m*	...
...	8·204	−59·324	− 5	*m*	..
...	8·225	− 9·639	− 5	*m*	...
...	8·411	−46·553	− 1	*a*	...
...	+ 8·445	+47·140	− 5	...	...
...	8·452	+56·998	− 4	...	...
*	8·486	+15·434	1·60	42.8571	10·0
...	8·614	− 9·606	0·85	*a*	...
*	8·639	+ 9·700	0·95	...	...
921					
...	+ 8·660	+13·845	− 5	*m*	...
...	8·705	− 6·368	0·75	...	...
...	8·757	−44·413	− 3	*m*	...
...	8·775	+ 2·943	0·85	...	...
...	8·907	+15·819	− 5	*m*	...
...	+ 8·927	+20·569	− 3	...	...
...	8·956	−44·274	− 5	*m*	...
...	8·966	+51·536	− 5	*m*	...
...	8·968	+51·184	− 5	...	..
...	8·971	− 9·453	− 5	*m*	..
931					
†	+ 9·015	+54·947	0·80	..	...
...	9·171	−18·459	0·85	...	...
*	9·267	+ 8·580	1·10	42.8572	10·8
...	9·362	−55·814	− 5	*m*	...
...	9·364	+31·811	− 5	*m*	...
...	+ 9·454	−17·695	1·00	...	...
...	9·525	+14·536	− 5	*m*	...
...	9·585	−15·170	− 5	*m*	..
...	9·589	−36·923	− 5	*m*	...
...	9·606	+ 8·806	− 5	*m*	...
941					
...	+ 9·707	−32·733	− 5	*m*	...
*	10·007	− 6·698	1·80	43.8877	9·6
...	10·118	+16·957	− 4	*m*	...
...	10·226	−23·151	− 5	*m*	...
...	10·245	+16·957	− 5	*m*	...
...	+10·259	−45·319	− 1	...	...
...	10·350	+51·170	− 3	...	...
...	10·503	+37·216	1·15	42.8573	10·6
...	10·596	+58·294	− 5	*m*	...
...	10·740	−29·035	− 1	...	...
951					
...	+10·765	+14·685	− 5	*m*	...
*	10·796	+22·096	1·80	42.8574	9·8
...	10·994	+ 5·912	− 2	...	..
...	11·170	− 1·261	− 5	*m*	...
...	11·413	−16·601	− 5	*m*	...
*	+11·487	+45·753	6·00	42.8575	5·5
*	11·596	+58·179	2·10	42.8576	9·4
...	11·621	− 8·226	− 1	*a*	...
*	11·818	− 4·054	1·40	43.8878	9·6
...	11·872	−13·900	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
961–1020					
961				°	
...	+11·892	−14·027	1·00	...	...
...	11·972	+11·334	− 5	*m*	...
...	12·337	−20·478	0·70	...	...
*	12·423	−51·509	1·10	...	...
...	12·710	+40·180	− 4	*m*	...
...	+12·766	− 7·770	0·75	...	...
...	12·881	−18·264	0·90	...	..
...	12·968	+22·042	− 5	*m*	...
...	13·006	−23·016	− 5	*m*	...
...	13·024	−46·759	− 5	*m*	...
971					
...	+13·103	−50·705	− 5	*m*	...
...	13·122	−22·760	− 5	*m*	...
...	13·196	−43·588	0·95	...	...
...	13·199	−52·013	− 1	*a*	...
...	13·234	−33·066	− 4	*m*	..
...	+13·301	+49·327	0·75	...	...
...	13·345	+47·188	1·00	...	...
...	13·554	− 4·402	0·70	...	...
...	13·620	+17·310	− 2	*m*	...
...	13·888	+27·607	− 5	*m*	...
981					
N *	+13·957	+13·376	1·90	42.8577	8·4
N *	14·017	+13·395	1·90		
...	14·177	−12·965	0·75	...	...
...	14·251	+31·134	− 5	...	...
...	14·277	−28·482	− 4	*m*	...
*	+14·338	+35·406	2·30	42.8578	8·6
...	14·357	−56·607	− 2	*m*	..
...	14·365	+20·656	− 4	...	...
...	14·365	− 8·844	1·00	...	...
...	14·430	+ 7·359	− 2	...	...
991					
...	+14·612	+43·915	1·00	...	...
...	14·667	−33·830	− 4	*m*	...
...	14·694	−44·389	− 3	*m*	...
...	14·731	−18·944	− 1	*m*	...
...	14·752	− 5·793	− 3	*m*	...
...	+14·933	+17·565	0·70	...	...
..	14·963	−16·628	− 5	*m*	..
...	15·068	+ 2·485	− 4	*m*	...
...	15·124	+ 5·741	1·00	...	...
...	15·183	+32·812	− 5	*m*	...
1001					
...	+15·193	+18·737	0·65	...	...
..	15·199	−35·767	0·75	*a*	...
...	15·261	+31·338	− 1	...	...
...	15·274	−10·973	0·85	...	..
...	15·318	−24·489	− 4	*m*	...
*	+15·539	+13·105	1·00	...	...
...	15·588	+37·455	0·80	...	...
*	15·661	−56·972	1·40	43.8879	10·0
...	15·674	−51·220	− 4	*m*	...
...	15·867	+13·957	0·85	...	..
1011					
...	+15·963	+ 3·876	− 4	*m*	...
...	15·980	− 2·681	0·65	*a*	...
*	16·092	− 0·850	1·00	...	...
...	16·108	+50·904	1·00	...	...
...	16·254	−13·116	− 4	*m*	...
...	+16·283	−11·636	0·80	...	...
...	16·292	+57·424	− 1	...	...
...	16·301	−14·819	1·00	...	...
...	16·317	+39·822	0·90	...	...
...	16·317	+23·881	0·80	...	...
1021–1080					
1021					
*	+16·439	−30·708	2·00	43.8880	9·2
...	16·457	− 0·889	0·90	...	..
...	16·649	− 8·632	0·90	...	..
...	16·885	−45·625	− 5	*m*	...
...	16·897	+28·860	− 5	*m*	...
...	+16·943	+15·992	0·80	...	...
*	16·981	−52·472	1·00	...	...
...	17·094	− 0·090	− 2	*m*	...
...	17·128	−20·287	− 4	*m*	...
...	17·175	−30·190	0·80	...	..
1031					
...	+17·219	−27·952	0·75	...	...
...	17·232	−31·421	− 5	*m*	...
...	17·300	+28·033	0·80	...	...
...	17·512	−21·068	− 4	*m*	...
...	17·557	−28·871	− 5	*m*	...
...	+17·603	+57·457	− 4	...	...
...	17·627	+54·381	− 4	...	...
...	17·693	+36·732	− 5	...	...
...	17·724	−55·261	0·90	...	...
*	17·781	+21·103	1·20	42.8579	10·0
1041					
...	+17·855	−16·099	− 4	*m*	...
...	17·857	+54·141	− 1	*a*	...
...	17·905	+39·206	0·70	...	...
...	18·001	+11·133	− 5	*m*	...
...	18·002	+51·057	− 5	...	...
*	+18·065	+45·837	1·10	42.8580	10·6
*	18·075	+57·425	1·10	42.8581	10·0
...	18·087	+24 118	0·65	...	...
...	18·130	+43·289	− 5	*m*	...
...	18·219	−33·793	− 1	...	..
1051					
..	+18·221	+29·617	− 5	*m*	...
...	18·276	− 9·395	− 5	*m*	...
...	18·442	−33·984	− 4	*m*	...
...	18·446	−37·380	0·70	*a*	..
...	18·534	+37·063	− 4	...	...
...	+18·604	+30·632	0·80	...	...
...	18·650	+47·702	0·85	...	...
...	18·697	+30·966	− 5	*m*	...
...	18·749	+55·499	0·75	...	...
...	18·972	+37·276	1·00	...	...
1061					
...	+19·019	+17·850	− 4	*m*	...
...	19·376	+35·689	− 5	...	...
...	19·408	+27·716	− 5	*m*	...
...	19·468	+32·591	0·70	...	...
...	19·524	− 8·437	0·70		...
...	+19·549	+36·193	− 5	...	..
...	19·667	+49·070	− 4	...	...
..	19·842	−51·336	0·75	...	...
‡	19·933	−17·806	1·70	43.8881	9·2
†	19·940	−23·311	− 3	...	...
1071					
*	+20·154	−41·175	1·40	43.8882	9·8
...	20·534	−36·309	1·00	...	...
...	20·577	−33·297	0·80	...	...
...	20·749	−14·597	0·70	...	...
...	20·750	−22·671	− 3	*m*	...
...	+20·833	+25·630	− 1	...	...
...	20·859	+13·519	− 5	*m*	...
...	21·027	+ 1·654	0·65	...	...
...	21·184	−22·104	− 5	*m*	...
...	21·200	+27·373	0·80	...	...
1081–1140					
1081					
...	+21·250	+ 8·080	− 4	*m*	...
...	21·425	+16·829	1·00	...	...
..	21·459	−52·185	− 1	...	...
...	21·461	−29·385	− 3	*m*	...
..	21·520	−14·733	0·75	...	...
...	+21·582	−14·347	0·85	...	...
‡	21·589	−19·788	1·00	...	...
*	21·637	−46·722	1·60	43.8883	9·6
*	21·654	−55·792	1·40	43.8884	10·0
...	22·089	− 1·427	− 5	*m*	...
1091					
*	+22·196	−46·869	1·20	43.8885	10·0
...	22·216	+14·915	− 5	...	...
...	22·233	−44·584	− 5	*m*	...
...	22·407	−10·067	− 5	*m*	...
...	22·414	− 4·686	− 5	*m*	...
..	+22·583	−26·388	− 3	*m*	...
...	22·655	−26·040	1·00	...	...
...	22·785	+12·922	− 3	*m*	...
...	22·893	−13·187	− 4	*m*	...
...	23·001	+ 9·960	− 4	...	...
1101					
...	+23·038	+ 0·763	− 4	*m*	...
*	23·227	+ 0·293	1·00	43.8886	10·4
...	23·244	−13·252	− 1	*m*	...
...	23·256	−46·119	0·90	...	...
*	23·310	− 0·099	1·00	43.8887	10·4
...	+23·337	−30·716	− 5	*m*	...
...	23·543	+18·701	− 1	*a*	...
...	23·549	−10·786	− 5	*m*	...
..	23·615	−25·227	− 2	...	...
...	23·629	−59·099	0·85	...	...
1111					
...	+23·746	+17·509	− 5	*m*	...
*	23·901	−26·183	1·10	43.8888	10·2
...	24·167	−36·524	− 5	*m*	...
*	24·410	−21·137	1·20	43.8889	10·0
...	24·592	−13·705	0·70	*a*	...
...	+24·627	+19·514	− 5	*m*	...
...	24·697	+ 3 592	− 4	...	...
*	24·717	−17·898	1·20	43.8890	10·2
†	24·755	+25·830	− 3	...	...
†	24·875	−54·054	0·90	...	...
1121					
†	+24·880	+ 5·663	− 4	*m*	...
...	24·948	−18·552	− 5	*m*	...
...	25·112	−49·252	− 5	*m*	...
...	25·192	+34·620	0·75	...	...
...	25·201	−48·570	− 5	*m*	...
...	+25·222	+ 6·161	0·65	...	...
...	25·311	−10·227	0·85	...	...
...	25·329	+51·041	− 5	...	...
...	25·400	−25·265	1·00	...	...
...	25·420	+35·324	− 5	...	...
1131					
†	+25·589	+59·918	− 5	...	...
...	25·752	−26·647	− 5	*m*	...
...	25·776	+ 9·224	0·70	...	...
...	25·804	+ 0·225	− 5	*m*	...
...	25·868	−20·776	0·80	...	...
...	+25·918	+33·322	0·80	...	...
...	26·000	+31·646	0·90	...	...
...	26·150	+36·004	− 2	...	...
...	26·190	+ 0·770	− 5	*m*	...
...	26·243	−26·786	0·75	...	...

981, 982. 42^{c}·115, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
1141–1200					
1141					
...	+26·282	+43·216	− 5	m	...
...	26·381	+12·429	− 5	m	...
...	26·407	− 3·874	− 5	m	...
...	26·452	−40·562	0·80	...	...
...	26·490	−22·859	− 5	m	...
...	+26·542	−24·168	0·80	a	...
..	26·665	+ 6·773	− 5	m	...
...	26·757	−54·251	1·00	...	...
...	26·800	+31·979	0·85	...	...
...	26·963	+ 7·520	1·00	..	...
1151					
...	+27·070	−59·448	1·00	...	...
...	27·139	+ 8·529	0·70	...	...
...	27·227	+12·973	− 5	...	...
...	27·336	+43·789	− 5	...	...
...	27·411	+38·320	− 4	...	...
*	+27·468	+53·829	1·60	42.8582	10·0
...	27·626	+40·076	0·80	...	...
...	27·637	−34·109	− 5	m	...
...	27·738	+23·889	0·80	...	...
...	27·837	−37·593	− 5	m	...
1161					
...	+27·852	+11·021	− 5	...	...
...	27·960	+30·357	− 5	m	...
...	27·978	− 4·771	− 5	m	...
*	27·978	−56·023	1·60	43.8891	10·0
...	27·978	−21·070	− 4	m	...
..	+27·983	−50·965	− 5	m	...
...	27·987	+15·270	− 5	m	...
..	27·996	+ 8·091	0·80	...	...
...	28·189	+12·698	− 5	m	...
...	28·313	−19·577	− 4	m	...
1171					
...	+28·315	+15·523	0·80	..	...
...	28·327	+29·194	0·65	...	...
...	28·328	+46·739	− 4	m	...
...	28·397	+34·505	− 5	m	...
.	28·812	+27·676	− 5	...	...
...	+28·826	+38·567	− 5	..	...
...	28·830	−54·802	− 5	m	...
..	29·008	+23·017	− 5	m	...
...	29·129	+12·618	1·00	...	...
...	29·160	+26·123	− 5	...	...
1181					
...	+29·267	+ 0·599	1·00	...	...
...	29·271	−52·697	− 5	m	...
...	29·364	+40·260	− 5	..	...
...	29·368	+54·400	− 5	..	..
...	29·594	+27·290	− 4	m	...
†	+29·860	− 8·158	0·65	...	...
†	29·880	−51·550	1·50	43.8892	9·5
.	30·298	−42·326	− 4	m	...
...	30·316	− 1·161	− 1	m	...
...	30·395	−27·923	− 1	...	...
1191					
...	+30·396	+41·960	− 5	...	...
...	30·428	−13·543	0·95	...	...
...	30·430	+31·207	− 4	m	...
.	30·430	+ 3·047	− 5	m	...
*	30·516	−30·363	1·40	43.8893	9·9
*	+30·562	− 7·211	1·00	..	...
...	30·704	−45·522	− 1	b	...
..	30·735	−12·319	− 5	m	...
S *	30·808	−11·052	2·20	43.8894	8·9
...	31·062	+54·107	1·05	42.8583	10·8
1201–1260					
1201					
...	+31·066	+22·335	− 5	m	...
...	31·366	−27·946	− 2	m	...
...	31·613	−16·964	0·85	...	...
...	31·696	−37·619	− 5	m	...
...	31·829	+29·468	− 5	m	...
...	+31·863	+11·953	0·90	...	...
...	31·886	+ 0·441	− 5	m	..
...	31·952	−14·177	− 3	m	...
...	32·036	−50·411	0·75	..	...
...	32·110	−20·106	0·70	...	...
1211					
...	+32·249	−52·916	− 2	m	...
...	32·454	+40·558	− 5	...	...
...	32·542	+40·543	1·00	...	...
...	32·575	+34·556	− 5	...	...
...	32·592	−10·572	− 5	m	...
...	+32·656	−10·361	0·65	...	...
..	32·941	+59·185	0·80	...	...
..	32·971	− 8·906	− 1	...	...
...	33·035	−22·827	− 4	m	...
...	33·045	+58·614	− 4	...	...
1221					
...	+33·137	− 6·682	− 5	m	...
...	33·173	−57·620	0·65	...	...
...	33·208	−44·311	0·75	a	...
...	33·282	−40·320	− 4	m	...
...	33·383	+ 2·374	− 3	m	..
...	+33·502	+48·700	− 5	...	...
...	33·561	− 0·537	− 4	m	...
...	33·600	−45·060	− 5	m	...
...	33·754	+ 8·243	− 1	...	...
...	33·869	−22·301	0·65	a	...
1231					
...	+34·172	+ 8·207	− 3	m	...
...	34·177	+33·104	− 4	...	...
...	34·179	−17·475	0·65	...	...
*	34·336	−30·495	1·60	43.8895	9·6
...	34·386	+37·736	0·90	...	...
*	+34·497	+48·042	1·50	42.8585	10·2
...	34·513	+31·465	− 5	...	...
...	34·612	−47·091	− 2	m	...
†	34·749	+21·613	0·85	...	...
†	34·772	+ 1·014	− 2	...	...
1241					
...	+35·049	−30·510	0·80	...	...
...	35·153	+26·218	− 5	m	...
...	35·252	+ 6·101	0·80	...	...
*	35·283	− 3·263	1·40	43.8896	10·4
*	35·433	− 8·523	1·70	43.8897	9·7
*	+35·447	+16·396	1·00	42.8587	10·8
...	35·528	+11·141	1·00	42.8586	10·8
...	35·616	−12·150	− 5	m	...
...	35·641	−21·302	− 1	m	...
*	35·677	+16·178	1·10	42.8588	10·4
1251					
...	+35·761	+59·819	− 3	...	...
...	35·788	−42·351	0·75	a	...
†	35·936	−49·805	0·65	a	...
...	35·939	+24·834	− 1	..	...
...	35·941	−55·693	− 5	..	...
...	+36·120	−36·025	0·65	a	...
S *	36·138	+38·087	1·80	42.8589	9·2
...	36·246	+ 9·569	0·70	...	...
...	36·256	−45·010	1·00	...	...
*	36·258	+ 5·295	1·80	42.8590	9·5
1261–1320					
1261					
...	+36·259	+37·952	1·00	...	...
...	36·488	+28·270	− 4	...	...
N *	36·522	+11·463	1·20	42.8591	10·0
...	36·646	−22·975	− 5	m	...
...	36·653	+14·759	− 5	m	...
...	+36·659	− 0·849	1·00	...	...
..	36·715	−51·243	− 5	m	...
...	36·762	−32·049	− 1	b	...
...	36·802	−20·229	0·90	...	...
...	36·834	+36·841	− 5	...	...
1271					
...	+36·913	+ 9·605	0·80	...	...
...	37·005	+35·788	− 5	...	...
...	37·091	−57·592	− 4	...	...
...	37·125	−43·364	1·20	...	...
...	37·161	− 8·163	0·90	...	...
...	+37·201	+37·853	0·85	...	...
...	37·287	+42·377	− 1	...	...
...	37·292	− 6·880	0·70	...	...
S *	37·468	−45·923	1·70	43.8898	9·5
...	37·692	−57·944	− 1	a	...
1281					
...	+37·715	−31·374	0·95	...	...
...	37·728	−14·315	− 5	m	...
...	37·839	+44·600	− 4	...	...
...	37·894	+ 5·792	− 5	m	...
...	37·988	−49·360	1·05	...	...
*	+37·999	− 0·689	1·10	43.8899	10·4
...	38·044	+13·020	0·75	...	...
...	38·061	−46·267	0·65	...	...
...	38·123	−34·223	− 4	m	...
...	38·134	− 1·366	− 5	m	...
1291					
...	+38·213	− 4·642	− 5	m	...
...	38·232	− 9·971	0·80	...	...
...	38·264	−32·096	− 1	b	...
...	38·315	+21·858	0·75	...	...
...	38·348	− 9·695	− 5	m	...
...	+38·458	−45·889	− 1	a	...
...	38·559	−34·305	− 5	m	...
...	38·717	+12·959	1·00	...	...
...	38·781	− 3·839	− 1	m	...
...	38·789	+ 2·967	− 5	m	...
1301					
...	+38·954	+ 2·912	− 5	m	...
...	39·015	−15·181	− 5	m	...
...	39·219	−18·096	0·90	...	...
...	39·314	−24·456	− 5	m	...
...	39·375	−14·275	− 1	m	...
...	+39·405	+37·338	− 5	m	...
...	39·647	+20·252	0·65	...	...
...	39·679	−12·443	− 5	m	...
...	39·736	−36·516	0·85	...	...
...	39·895	+28·000	− 2	...	...
1311					
*	+39·987	−15·249	1·25	43.8900	10·3
†	40·173	+50·002	0·75	...	...
...	40·420	−56·571	− 5	m	...
...	40·433	+ 6·465	− 5	m	...
†	40·445	− 4·827	0·75	...	...
...	+40·497	+ 8·397	− 5	m	...
...	40·688	+57·739	0·95	...	...
...	40·688	−52·420	0·90	...	...
...	40·689	−23·705	− 5	m	...
...	40·809	+25·286	− 4	m	...

1203. Mass. 42·1115, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. o″·70.	C.P.D. No.	C.P.D. Mag.
1321–1380					
1321					
*	+40·851	+10·461	2·00	42.8593	9·2
*	40·859	−57·395	1·25	43.8902	10·4
N *	40·947	+46·696	1·40	42.8592	10·2
...	40·989	+16·524	− 2	...	...
*	41·010	−13·838	1·05	43.8901	10·4
...	+41·065	−39·642	− 4	*m*	..
...	41·143	+17·730	0·75	...	..
...	41·303	−19·542	− 4	*m*	..
...	41·445	−28·844	− 4	*m*	...
...	41·751	+16·439	0·85	...	..
1331					
...	+41·752	+43·718	0·85	...	.
...	41·820	−40·871	− 5	*m*	..
...	41·875	−41·900	− 1	...	..
...	42·004	−13·648	1·05	...	...
...	42·159	− 5·971	− 3	..	..
...	+42·220	− 5·690	− 5	*m*	...
*	42·301	+31·835	1·35	42.8594	10·2
..	42·311	−23·550	− 1	...	...
*	42·340	+14·704	1·30	42.8595	10·0
...	42·437	+40·781	1·00	...	...
1341					
...	+42·649	− 2·135	0·85	...	
...	42·705	− 3·701	− 5	*m*	...
...	42·847	−28·114	− 5	*m*	..
..	42·947	+ 1·514	− 3	...	...
...	42·975	−42·768	− 3	*m*	...
...	+43·048	+17·030	− 3	...	..
...	43·229	−41·386	− 5	*m*	...
...	43·503	−37·418	− 5	*m*	..
...	43·617	−55·008	− 3	*m*	.
...	43·640	+39·398	− 5	*m*	..
1351					
...	+43·697	−59·413	− 4	*m*	..
...	43·759	−23·162	− 2	*m*	...
...	43·810	− 9·989	− 5	*m*	...
...	43·831	−11·059	0·85	...	...
...	43·880	−29·305	0·90	...	...
..	+43·946	−14·949	0·95	...	..
...	43·955	+41·194	− 5	...	...
*	44·243	− 5·050	1·00	...	...
...	44·285	+37·497	0·75	..	...
...	44·285	+31·460	0·80	...	...
1361					
...	+44·313	−40·887	1·00	...	..
...	44·343	−46·045	1·00	...	...
†	44·807	+20·556	− 5	*m*	...
...	44·934	− 4·295	0·70	*a*	...
...	45·052	+24·406	0·80	...	...
...	+45·185	+21·514	0·65	...	...
...	45·370	− 8·689	1·00	...	..
...	45·404	−17·547	− 5	*m*	.
...	45·409	+45·736	− 4	...	...
...	45·428	+48·830	− 5	...	...
1371					
...	+45·525	+39·238	1·00	...	...
...	45·598	+32·704	− 5	*m*	.
...	45·637	− 0·219	− 5	*m*	...
...	45·684	−22·143	− 4	*m*	...
...	45·696	+14·589	− 4	...	..
...	+45·721	+ 9·066	− 5	...	...
...	45·734	−39·941	1·00	...	...
*	45·779	− 7·315	1·15	43.8903	10·3
*	46·048	+27·302	1·00	...	...
..	46·229	+35·999	0·65	...	...
1381–1440					
1381					
.	+46·373	−56·595	− 1	*a*	.
†	46·474	−54·787	− 1	...	
..	46·634	+49·521	− 3	...	
...	46·734	− 3·302	0·85	.	.
...	46·744	+ 5·251	0·80	.	..
	+46·865	− 7·198	− 1		...
.	46·977	−30·393	1·00	.	...
...	47·062	+23·457	− 5	*m*	...
	47·080	+27·449	0·70	..	...
...	47·123	+29·678	− 4	...	...
1391					
...	+47·196	+31·577	− 5	...	...
.	47·202	−15·640	− 4	*m*	..
...	47·345	−25·579	− 4	*m*	...
..	47·368	− 6·800	− 4	*m*	..
..	47·416	+ 9·573	− 4	...	...
.	+47·477	+ 0·469	0·75	...	...
..	47·543	+27·062	0·90	...	..
*	47·648	+16·961	1·00	42.8597	10·8
..	47·655	−33·794	− 5	*m*	...
...	47·694	+32·238	− 4	...	...
1401					
...	+47·791	+11·241	− 4	..	...
*	47·815	+46·040	1·10	42.8596	10·4
...	47·831	+52·214	− 5	*m*	...
f *	48·093	− 0·227	1·10	43.8904	10·4
...	48·123	−13·816	− 5	*m*	...
..	+48·147	+22·700	− 5	...	.
...	48·271	+36·277	− 4	...	...
...	48·395	+51·126	− 5	...	..
...	48·435	−22·963	− 5	*m*	..
..	48·478	+28·422	− 5	*m*	...
1411					
...	+48·596	−19·622	− 4	*m*	..
...	48·626	+44·057	− 5	...	...
...	48·712	−18·243	− 5	*m*	..
...	48·726	+19·774	− 5	*m*	..
...	48·750	−20·196	− 4	*m*	...
...	+48·824	−40·059	− 5	*m*	...
...	48·825	+ 6·968	− 1	..	...
...	48·946	−25·804	− 3	...	...
...	49·110	+14·879	− 5	*m*	...
...	49·205	−19·314	− 5	*m*	..
1421					
...	+49·299	−22·580	− 5	*m*	..
...	49·323	−17·977	− 5	*m*	...
...	49·326	+38·860	− 5	...	...
...	49·389	−45·822	1·10	43.8905	10·4
...	49·406	−15·917	− 5	*m*	...
...	+49·815	+36·588	− 1	...	...
†	49·840	− 6·684	− 5	*m*	...
..	49·982	+17·410	− 1	...	...
*	50·243	+33·073	1·25	42.8598	10·4
...	50·316	−42·273	− 5	*m*	...
1431					
†	+50·361	− 4·857	− 4	*m*	...
...	50·400	−21·594	1·00	...	...
*	50·449	−49·890	1·05	43.8907	10·4
...	50·450	+41·563	0·90	...	...
†	50·486	−14·786	− 3	...	...
S *	+50·688	+ 1·754	3·00	43.8906	7·8
...	50·762	−41·434	− 5	*m*	...
...	50·778	−45·332	0·90	...	...
...	50·799	−33·116	− 5	*m*	...
...	50·850	−47·721	− 5	*m*	...
1441–1500					
1441					
...	+51·318	+36·397	0·75	...	...
...	51·546	−27·791	0·85	...	...
.	51·775	−45·586	− 5	*e*	...
..	51·878	− 3·839	− 5	*m*	...
...	52·569	+49·317	− 5	...	...
.	+52·922	+29·483	0·80	...	...
	53·099	+44·627	− 5	...	.
	53·129	+ 5·790	− 4	...	...
	53·408	−21·267	1·10	43.8908	10·4
...	53·424	−12·087	1·00	...	...
1451					
...	+53·488	−51·348	− 3	...	...
...	53·548	+ 1·555	− 3	...	..
...	53·831	+ 6·134	− 4	*m*	...
...	53·843	−50·236	− 5	*e*	...
.	53·989	−21·994	− 5	*m*	...
.	+54·030	−36·597	0·90	...	...
	54·155	+18·473	− 5	*m*	...
	54·318	+36·949	0·95	..	...
...	54·460	−41·882	0·90	...	...
...	54·648	− 7·676	− 3	*e*	..
1461					
...	+54·933	− 1·690	0·80	...	...
..	55·044	+58·266	0·70	42.8599	10·8
†	55·046	−14·875	− 5	*m*	...
...	55·076	−52·517	1·20	...	..
...	55·176	+ 5·746	1·00	...	...
..	+55·204	−41·069	− 5	*m*	...
.	55·213	+45·400	− 5	...	...
..	55·267	−33·617	− 1	*e*	..
...	55·420	+ 1·097	0·80	...	...
...	55·440	−53·458	1·00	...	...
1471					
...	+55·531	−34·367	0·70	*e*	...
..	55·604	+42·833	1·00	42.8600	10·8
...	55·631	−28·890	− 4	*m*	...
...	55·709	−39·380	0·80	...	...
..	56·336	+43·390	− 5	...	...
..	+56·407	+21·126	0·75	...	...
*	56·419	− 9·977	1·00	43.8909	10·4
..	56·810	+55·891	− 4	...	...
..	56·821	+45·486	− 1	...	...
...	56·862	+25·733	0·75	..	...
1481					
S *	+56·935	−16·015	1·80	43.8910	9·0
...	57·261	+37·815	− 5	...	...
..	57·275	− 8·604	0·80	...	...
...	57·404	−54·599	0·80	...	...
*	57·417	−33·435	1·00	...	...
...	+57·560	− 5·166	0·75	...	...
..	57·594	−43·477	− 5	*m*	..
...	57·736	−54·594	− 5	*m*	...
..	57·837	+ 8·467	− 5	*m*	...
...	57·853	−16·557	− 5	*e*	...
1491					
*	+57·865	+20·256	1·60	42.8601	9·8
...	58·035	−44·422	− 4	*e*	...
...	58·306	+53·610	− 5	...	...
..	58·400	−36·867	− 5	*m*	...
.	58·416	−11·719	1·00	...	...
..	+58·482	−17·484	− 5	*m*	
..	58·623	−23·409	1·00	...	...
...	58·674	+13·171	1·00	42.8602	10·8
...	58·957	+29·509	− 5	...	...
...	58·996	+34·735	− 5	*m*	...

1323. Mass. 42″·115, no note of duplicity.

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
1501–1502					
1501					
...	+59·336	+33·471	− 5	..	...
...	59·637	−26·342	0·80	..	...

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No	Mag.

Notes.	Co-ordinates. x.	y.	Diam. ...	C.P.D. No.	Mag.

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
1–40					
1					
...	−59·510	+36·261	− 5	...	...
S *	59·088	+ 1·625	2·90	43.8906	7·8
...	58·980	−45·970	1·05	43.8905	10·4
...	58·806	−14·915	− 4	...	...
...	58·685	−21·719	·90	...	...
.	−57·800	−50·062	0·85	43.8907	10·4
..	57·691	+29·406	0·65	...	...
.	57·597	−45·436	0·70	..	..
...	57·359	−27·878	0·75	...	..
.	56·600	−45·665	− 5	E	...
11					
.	−56·513	+36·918	0·65	..	...
.	56·412	+58·244	− 1	42.8599	10·8
...	56·236	+ 1·518	− 5	...	...
...	55·948	−12·129	0·85	..	...
.	55·674	−21·294	0·95	43.8908	10·4
...	−55·309	+42·527	1·00	42.8600	10·8
.	54·837	− 7·684	− 5	E	..
...	54·731	− 1·991	0·70	.	.
.	54·728	+ 5·756	0·80	...	...
†	54·615	−36·622	− 4	...	...
21					
.	−54·568	+55·959	− 5	.	...
.	54·117	−50·242	− 5	E	..
...	54·363	+ 1·087	0·65	..	.
...	54·276	+45·490	− 5	.	.
...	54·027	−41·884	0·65	.	
.	−53·961	+21·152	− 5		...
.	53·664	+25·776	0·65		.
.	53·477	−33·618	− 5	E	..
.	53·174	−34·315	− 5	E	...
.	53·091	−52·470	1·00		...
31					
.	−53·031	− 9·923	1·00	43.8909	10·4
..	52·857	−39·349	0·70	..	...
.	52·705	−53·414	0·80	..	..
*	52·467	+20·319	1·60	42.8601	9·8
S *	52·315	−15·949	1·80	43.8910	9·0
.	−52·205	− 8·543	0·80		...
†	52·011	− 5·070	·75	.	...
..	51·449	+13·262	0·85	42.8602	10·8
.	51·403	+33·574	− 5	.	.
..	51·380	−16·468	− 5	E	...
41–80					
41					
...	−51·311	−33·353	0·90	...	...
.	50·964	+41·530	0·95		...
...	50·954	−11·614	0·85	...	...
...	50·690	−54·488	0·80	...	...
.	50·410	−23·299	0·80	...	...
.	−50·386	−44·329	− 5	E	...
.	50·090	+51·941	− 4	...	..
.	49·466	+12·813	0·65	...	...
*	49·361	+ 0·007	1·20	43.8911	9·5
..	49·317	−26·198	0·65	..	...
51					
...	−49·085	+30·587	− 5	..	...
...	48·926	+22·903	− 1	...	...
*	48·925	− 4·588	1·90	43.8912	8·8
.	48·844	−32·277	− 5	M	...
...	48·668	+37·935	− 5	...	.
.	−48·617	−30·938	0·80	...	...
.	48·535	+13·433	0·85	...	.
...	48·391	−32·520	− 5	...	...
.	48·247	−53·786	− 5	M	...
...	48·193	−35·654	1·00	..	...
61					
..	−47·965	−59·586	0·65	...	...
..	47·390	−37·248	0·70	...	...
..	47·322	−14·314	− 4	A	..
...	47·061	+ 1·257	− 4	M	...
.	47·058	+ 4·050	0·70	...	...
.	−47·044	−54·647	− 5	M	...
.	46·865	+ 9·401	0·70	...	...
.	46·688	−10·116	1·20	43.8913	9·9
...	46·647	+40·125	− 5	M	..
.	46·575	+14·727	− 5	...	...
71					
...	−46·542	−11·856	0·80	...	...
...	46·423	−11·450	− 5	...	...
.	46·057	+10·438	1·00	42.8603	10·8
..	46·020	−25·073	0·80	.	...
.	45·477	+ 6·734	− 5	.	.
.	−45·452	+20·007	− 5		...
.	45·413	+ 8·260	0·65		...
.	45·379	− 8·100	0·65	...	.
...	45·266	−40·498	0·85		.
...	45·173	−44·723	− 4	.	...
81–120					
81					
*	−45·119	−25·906	1·70	43.8914	9·3
†	44·860	−39·963	0·70	...	...
†	44·581	−33·352	− 3	...	...
...	44·507	−32·655	− 2	...	...
.	44·299	+ 2·935	− 4	...	...
...	−44·183	+45·663	− 4	...	...
...	44·081	−22·231	− 5	M	...
*	43·977	+38·796	1·20	42.8604	10·0
...	43·972	+ 6·427	0·65	...	...
...	43·810	−15·540	0·70	...	...
91					
*	−43·760	+30·666	1·05	42.8605	10·2
...	43·643	+23·902	− 2	.	...
...	43·463	+36·120	− 2	.	...
...	43·342	+41·375	− 5	.	...
...	43·229	−11·170	0·75	...	...
...	−43·212	−58·556	0·65	...	.
..	42·940	+31·007	− 4	..	...
..	42·714	+21·286	− 2	..	..
*	42·489	+11·432	1·00	42.8606	10·4
...	42·420	+ 6·831	− 4	...	...
101					
...	−42·300	+40·693	− 2	...	...
..	42·175	−37·541	− 5	M	...
...	41·990	− 6·711	− 5	...	...
...	41·592	+59·129	0·90	42.8607	10·4
...	40·840	−23·038	− 5	M	...
.	−40·468	−52·710	− 5	...	..
*	40·124	− 7·493	0·90	...	...
†	39·581	−47·454	− 5	M	...
..	39·365	− 3·600	0·90	...	...
...	39·241	−10·274	− 2	...	...
111					
...	−39·227	−44·531	− 5	M	.
.	39·210	− 4·140	− 3	...	...
...	39·165	− 2·236	0·90	...	...
*	39·135	+27·696	0·90	42.8608	10·8
...	39·108	+22·155	0·80	...	...
...	−38·986	+53·824	− 3	...	...
.	38·858	−47·625	0·90	..	...
...	38·411	−33·800	0·70	...	...
*	38·257	+ 5·812	1·10	42.8609	10·2
...	38·038	+10·365	− 5	...	...

NM measured from 1, 171, 301, 579.
ES ,, ,, 83, 290, 498, 674.

121–180

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
121					
...	−37·927	+ 1·790	− 1	...	
	37·865	−16·886	− 3	...	...
...	37·847	+44·203	− 4	...	
...	37·780	+ 5·747	0·65	...	...
..	37·703	−26·233	− 5	M	
...	−37·652	− 6·106	− 4	...	
.	37·515	−48·136	− 5	...	...
...	37·497	−36·623	0·85	...	...
...	37·264	+31·417	− 5	...	...
...	37·026	+41·740	− 5	...	.
131					
...	−36·927	+35·418	0·85	..	...
...	36·792	−45·575	0·65	...	...
...	36·790	+40·074	− 5	..	...
...	36·787	+51·713	− 4	...	..
..	36·744	− 7·158	− 4	A	..
...	−36·535	+28·904	0·85	...	...
..	36·468	−49·407	0·90	...	...
...	36·093	−49·320	0·65	...	...
...	35·938	−37·861	0·70	...	...
S *	35·832	+24·945	1·90	42.8610	8·3
141					
...	−35·825	+42·030	0·65	...	...
*	35·775	+42·272	1·50	42.8611	9·8
...	35·471	+35·417	− 3	...	...
...	35·405	+32·739	− 4	...	...
...	35·390	+ 8·855	− 1	..	...
...	−35·231	+ 2·290	− 2	..	...
...	34·816	+20·200	− 5	...	..
..	34·548	+17·668	− 2	...	...
...	34·010	−43·185	− 5	M	...
...	33·668	+11·208	− 2	...	...
151					
...	−33·603	+37·495	− 4	...	...
*	33·413	−30·837	0·90	..	...
...	33·054	+18·187	− 1	..	...
*	32·955	− 3·396	1·35	43.8915	9·7
...	32·839	−29·400	− 4	...	...
'	−32·473	−33·277	0·90	...	...
S	32·396	−58·596	2·00	44.9480	8·8
...	32·319	−52·625	0·90	...	...
...	32·301	+26·762	0·75	...	...
...	32·185	−49·220	− 4	...	...
161					
*	−32·106	−53·349	1·00	43.8916	10·4
...	31·823	+ 9·646	− 5	...	...
...	31·698	+12·125	− 2	...	...
...	31·554	−35·606	− 3	.	...
*	31·001	−36·305	0·95	...	...
...	−30·213	−28·810	− 3	...	...
...	30·108	−34·427	− 4	A	...
...	29·931	+33·632	− 5	...	...
...	29·854	− 9·738	− 5	M	...
...	29·833	−18·532	0·80	...	..
171					
...	−29·372	−47·748	− 5	M	...
...	29·203	+22·802	− 4	...	.
...	28·954	+45·461	− 5	...	...
*	28·836	+18·872	1·00	42.8612	10·2
...	28·680	−28·453	0·75	..	...
..	−28·381	−33·727	0·85	..	...
..	28·270	+38·171	0·80	...	...
...	28·168	−45·293	0·65	...	..
...	28·153	−30·852	− 5	M	..
...	27·963	− 5·879	0·70	...	...

181–240

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
181					
*	−27·583	−14·596	1·10	43.8917	10·0
...	27·466	+57·928	0·90	42.8613	10·6
	27·397	+11·132	− 5	...	.
...	27·271	−58·678	− 5	...	...
+	27·140	− 9·360	1·00	43.8918	10·0
...	−27·103	− 9·510	0·85	...	
.	26·513	− 7·789	− 5	M	...
.	26·503	+16·572	− 5	...	
	26·502	+58·742	− 1	...	
..	26·427	+ 1·856	− 5	..	...
191					
...	−26·304	+46·935	− 1	..	..
..	26·215	− 6·31	− 5	M	...
..	26·171	+46·254	0·80	...	...
*	25·972	−18·666	0·95	43.8919	10·4
..	25·954	−58·260	− 1	...	..
.	−25·919	+ 6·029	0·65	.	...
.	25·823	+43·864	− 5	...	...
...	25·602	−27·243	− 4	..	..
.	25·503	+38·133	− 5	..	
...	25·429	+ 1·176	− 5	M	
201					
...	−24·547	−51·091	0·80	...	..
...	24·503	− 4·907	0·75	...	...
...	24·461	−36·250	− 5	M	...
...	24·404	+32·750	− 5	...	
..	24·335	+ 9·320	0·70	.	
..	−24·218	−49·034	0·65	.	...
...	23·881	−37·882	0·80	...	...
...	23·790	−14·038	0·65	..	..
...	23·708	+20·763	− 5	...	...
..	23·583	−37·087	0·70	..	
211					
...	−23·541	− 9·977	0·90	..	...
...	23·494	+36·764	− 5	.	...
...	23·486	+38·418	0·90	42.8615	10·8
...	23·392	−56·507	− 4	...	...
..	23·363	−53·367	− 1	...	...
...	−23·287	−54·103	− 5	M	...
*	23·227	+13·547	1·00	42.8614	10·0
S *	23·210	+56·848	5·00	42.8616	6·1
..	23·118	−56·820	− 5	...	...
...	23·103	−55·733	− 4	B	...
221					
*	−23·010	−27·286	1·00	43.8920	10·4
+	22·933	+54·657	0·80	42.8617	10·8
...	22·181	−20·583	0·65	...	...
...	22·165	−23·358	− 4	A	..
	22·165	+ 5·247	− 5	...	...
...	−22·151	−12·219	0·80	...	...
...	22·066	−19·192	− 4	...	..
...	21·955	−19·835	− 4	...	..
N	21·902	+15·741	1·00	42.8618	10·8
...	21·891	+16·197	0·85	42.8619	10·8
231					
..	−21·788	+ 4·710	− 5	...	...
...	21·621	+ 5·292	1·00	42.8621	10·8
...	21·471	+ 6·608	0·95	42.8622	10·8
..	21·423	+21·683	0·70	...	...
...	21·411	+ 2·312	0·95	42.8620	10·8
...	−21·389	+ 3·545	− 5	M	...
'	21·348	−15·038	0·85	...	..
..	21·080	−34·415	− 5	...	...
...	20·829	−38·046	0·75	.	.
...	20·688	+54·893	− 5	.	...

241–300

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
241					
..	−20·683	+10·385	0·75	...	...
..	20·663	−15·947	− 5	...	...
...	20·635	− 7·860	0·80		...
*	20·507	− 7·934	1·00	...	...
...	20·188	−54·576	0·65	...	...
...	−20·056	+30·322	0·80	...	...
...	19·811	+30·393	0·80	..	...
'	19·730	+10·325	0·80	...	...
...	19·416	− 7·310	0·70		..
...	19·321	−59·664	0·65		..
251					
...	−19·157	− 4·191	0·70		
..	19·118	−33·501	0·75	..	...
...	18·954	−58·246	0·65	...	..
...	18·932	+ 9·002	− 5	M	.
*	18·833	+ 6·641	1·80	42.8623	9·6
.	−18·688	+ 4·324	− 4	...	...
	18·681	+11·385	0·80	...	...
..	18·460	+29·485	0·95	42.8625	10·6
.	18·267	+ 1·406	0·80	...	...
...	18·256	+52·282	− 5	...	..
261					
...	−18·204	+27·076	0·70	...	...
*	18·040	+32·628	1·80	42.8626	8·8
.	18·020	+12·141	0·80	...	...
*	17·838	−23·756	0·95	43.8921	10·4
..	17·814	− 8·313	0·80	...	...
*	−17·523	−18·895	1·40	43.8922	9·8
...	17·493	− 8·480	− 5	...	...
...	17·414	+54·452	1·00	42.8627	10·4
.	17·350	+19·739	0·70	...	...
...	17·326	−49·426	0·80	...	
271					
..	−17·282	−49·380	− 5	M	.
...	17·164	−56·507	− 1	...	..
..	17·072	−54·616	− 5	M	...
...	17·019	− 7·514	− 5	...	.
...	16·863	− 3·585	− 5	M	...
...	−16·595	−53·281	0·80	...	...
*	16·577	−26·203	1·50	43.8923	9·5
..	16·545	+ 3·391	− 5	...	...
...	16·426	−48·312	1·00	...	..
...	16·312	−26·262	0·80	...	...
281					
...	−16·302	+29·336	− 4	...	...
...	16·198	− 3·046	− 5	M	...
..	15·504	−23·615	− 5	...	...
...	15·350	+57·154	0·95	42.8628	10·8
..	15·270	−31·410	0·90	...	...
...	−15·229	−10·463	− 5	M	...
...	15·093	−43·348	0·80	...	...
...	15·081	−48·080	0·70	...	..
...	15·011	−30·725	− 5	...	...
+	14·740	+49·508	0·95	42.8629	10·2
291					
...	−14·560	+44·888	− 5	...	...
...	14·538	−43·551	0·65	...	...
...	14·424	+16·119	0·70	...	...
*	14·326	+51·425	1·50	42.8630	9·4
..	14·259	+17·913	− 4	M	...
...	−13·817	+16·336	0·70	...	...
...	13·579	−41·115	− 3	...	...
...	13·422	+52·663	0·65	42.8631	10·8
...	13·401	−22·802	− 4	...	...
...	13·391	−57·200	− 5	...	...

229. Obscures 2nd image of 230.

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
301–360					
301					
.	−12·734	+53·816	−4	..	...
...	12·685	+40·936	0·90	42.8632	10·6
..	12·679	−42·446	−5	M	
	12·580	−13·046	−4	...	...
	12·462	−21·017	−5	...	...
.	−12·369	+ 4·806	−1	...	...
	12·326	−24·385	−5	M	.
..	12·322	−27·532	−5	...	...
..	12·204	−27·552	−3	...	...
.	12·083	−50·500	0·80	...	...
311					
...	−11·814	+ 4·535	−5	M	...
.	11·718	−46·297	−5	M	...
...	11·704	+ 9·682	0·65	...	..
...	11·530	+ 2·063	−1		.
.	11·314	−29·851	−3		.
...	−11·307	+12·332	−4	...	...
.	11·303	−13·051	0·75	...	...
*	11·038	−14·047	1·15	43.8924	10·0
.	10·645	−38·680	0·70	...	...
...	10·618	−11·000	−4	...	...
321					
...	−10·588	+30·595	−5	...	...
.	10·528	−44·315	−4	A	...
	10·418	− 1·375	−5	M	...
	9·974	−34·777	−4	...	.
.	9·961	+40·644	−1	...	..
..	− 9·939	+28·517	−2	...	...
*	9·924	−19·944	1·10	43.8925	10·0
.	9·919	+48·514	0·65	...	...
*	9·690	+52·883	1·35	42.8633	10·0
...	9·345	+18·690	−1	...	...
331					
*	− 9·277	+21·995	1·20	42.8634	9·8
...	9·210	+31·940	−5	...	...
...	9·134	−43·313	−5	M	...
...	8·904	+41·847	0·85	...	...
...	8·880	+46·767	−1	...	...
...	− 8·837	+ 8·840	0·80	42.8635	10·8
	8·433	−26·158	−1	...	...
.	7·835	−21·126	0·75		.
	7·761	+23·257	−4	..	.
	7·647	−10·047	0·65	..	...
341					
.	− 7·636	−55·386	0·70	...	...
...	7·628	−34·665	−4	...	...
.	7·481	+22·035	0·75	...	...
...	7·437	+ 2·712	0·90	42.8636	10·8
...	7·413	−51·002	−4	...	...
...	− 7·392	− 6·163	0·90	...	...
..	7·244	−53·070	−5	...	...
	7·233	+43·511	1·00	42.8637	10·4
S *	7·063	−39·073	1·60	43.8926	9·2
...	6·973	+36·100	−5	...	...
351					
*	− 6·605	+20·638	1·00	42.8638	10·2
.	6·598	+13·934	−4	...	...
..	6·510	+44·339	−3	...	.
..	6·313	+21·331	−2	...	.
...	6·100	−57·258	0·90	...	...
*	− 5·407	+24·984	1·20	42.8639	10·0
...	5·395	+13·250	−1	...	...
*	5·031	+58·747	1·60	42.8640	9·4
...	4·865	+20·229	−3	..	...
	4·808	−37·877	−3	..	...

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No	Mag.
361–420					
361					
...	− 4·161	−12·895	−4	...	...
...	4·004	+52·042	−4	...	...
...	3·899	+42·854	−3	...	...
..	3·774	+ 6·966	−5	M m	...
..	3·767	+56·846	1·15	42.8641	10·2
*	− 3·703	−24·729	1·35	43.8927	9·6
..	3·604	−58·780	−5	.	...
...	3·517	+15·495	−5	M m	...
...	3·432	− 7·446	−5	M m	...
...	2·916	+40·907	−3	M	...
371					
*	− 2·899	−58·272	1·45	44.9499	9·7
*	2·864	−10·362	1·05	43.8928	10·4
...	2·847	−34·902	0·90	..	...
...	2·800	+ 9·209	−5	m	...
...	2·699	+48·521	−1	...	...
...	− 2·683	−44·165	−3	...	...
*	2·643	+37·437	1·00	42.8642	10·4
..	2·632	+41·702	0·85	.	..
...	2·103	+ 4·179	0·70	...	...
...	2·100	−43·639	−4		.
381					
.	− 1·943	+31·960	−1	.	.
.	1·629	+31·759	0·65	...	.
..	1·452	+40·665	−5	..	..
*	1·319	−23·528	0·95	43.8929	10·4
...	1·154	+49·628	0·95	42.8644	10·4
...	− 1·110	−42·548	−5	...	..
..	0·677	+42·804	−5	...	...
...	0·655	− 8·602	−4	M	..
...	− 0·500	−54·105	−5	...	..
...	+ 0·122	−31·453	−5	M	..
391					
...	+ 0·314	+43·350	−5	...	...
...	0·512	− 3·341	−4	M	...
...	0·625	+56·219	−4	...	...
...	0·732	+27·301	−5	...	...
.	0·750	+ 2·081	1·00	43.8930	10·4
...	+ 0·958	+40·150	0·90	42.8645	10·4
..	1·476	+40·874	−3	..	...
...	1·736	−15·669	0·75	...	...
...	1·894	−29·358	0·80	..	...
...	2·330	−15·683	0·75	..	...
401					
...	+ 2·427	+40·002	−5	.	...
...	2·535	− 9·613	0·85	...	...
*	2·539	−12·221	1·00	...	.
...	2·548	−59·068	−5	...	
.	2·756	+ 2·318	−1	M	.
...	+ 2·922	+34·440	0·75	...	..
...	2·924	−34·014	0·85	...	...
.	2·947	−39·694	−4	..	...
*	3·269	+55·960	1·10	42.8647	10·0
...	3·460	+13·802	0·75	...	...
411					
...	+ 3·524	−43·134	0·70	...	..
...	3·532	+16·477	−5	M m	.
...	3·556	− 2·646	−4	M	.
...	3·646	−27·912	0·70	..	.
..	3·931	− 5·824	−5	...	...
...	+ 3·966	+20·601	−5	M m	.
*	4·276	−50·178	1·10	43.8931	10·0
...	4·304	− 6·360	0·80	..	.
...	4·412	+13·287	−5	M m	.
	4·435	−48·386	−5	M	..

Notes.	Co-ordinates. x.	y.	Diam. −2.	C.P.D. No.	Mag.
421–480					
421					
...	+ 4·559	−21·872	0·70	m	...
...	4·707	− 4·620	−5	M m	...
..	4·763	−38·514	0·75	...	...
..	4·855	+36·425	0·90	42.8648	10·6
.	4·986	+25·444	−5	m	...
.	+ 5·204	− 3·778	0·70	...	...
..	5·299	−37·112	0·95	...	...
...	5·481	+49·428	0·70	...	...
..	5·520	+16·134	0·70	42.8649	10·8
..	5·667	+15·544	0·90	42.8650	10·8
431					
...	+ 5·969	+36·754	0·95	42.8651	10·8
...	5·987	−20·494	0·80	...	...
...	6·155	+28·446	0·80	...	...
*	6·364	−45·381	1·60	43.8932	9·6
...	6·369	−26·595	0·65	...	...
.	+ 6·679	− 9·598	−5	m	...
.	6·776	+41·366	0·70	...	...
...	7·138	+46·785	−5	...	...
..	7·219	+18·185	0·80	...	...
..	7·286	+56·731	0·70	..	...
441					
...	+ 7·379	−30·290	0·80	...	...
.	7·504	+10·931	−4	m	..
*	7·628	+45·199	1·60	42.8652	9·8
...	7·834	−48·665	1·00	...	...
	8·132	+ 8·235	0·75	...	...
..	+ 8·145	−57·967	0·95	...	..
..	8·273	− 3·574	0·80	...	...
...	8·414	−58·750	−5	...	...
...	8·449	+54·579	1·00	42.8653	10·6
...	8·529	−33·528	−5	...	...
451					
...	+ 8·761	−47·588	0·80	...	...
...	8·927	+56·368	−3	...	...
†	9·081	−49·954	1·00	...	...
...	9·116	+57·695	1·00	42.8655	10·6
...	9·117	− 2·962	0·90	...	...
*	+ 9·121	+37·475	0·95	42.8654	10·8
.	9·170	−46·056	1·90	43.8933	8·8
...	9·317	−51·156	−5	...	...
*	9·515	−30·818	1·80	43.8934	9·4
...	9·719	+15·025	0·70	...	...
461					
..	+ 9·756	+30·423	−4	...	...
..	9·941	−27·523	0·80	...	...
...	10·034	+35·616	0·90	...	...
.	10·236	+47·937	1·10	42.8656	10·2
†	10·238	−15·834	0·80	..	...
..	+10·461	−31·977	−5		...
.	10·585	−32·222	−5	..	...
.	10·709	+25·657	−5	..	...
...	11·161	−46·524	0·75		..
...	11·255	+26·579	−5	..	...
471					
...	+11·304	−32·571	0·85	...	...
*	11·578	+27·353	1·10	42.8657	10·2
...	11·634	−17·800	1·00	..	...
†	12·112	− 5·040	0·70	..	..
...	12·127	−15·256	−1	..	..
	+12·226	−43·952	−1	...	...
	12·401	+40·192	−1	...	..
	12·459	+44·122	−5	.	...
	12·697	+56·829	−5	...	...
...	12·760	+31·161	0·80	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
481-540					
481				°	
..	+12·838	+42·488	0·65	...	...
..	13·153	−49·729	0·75	...	...
.	13·156	− 0·985	1·00	43.8935	10·4
...	13·434	+44·264	0·80	..	...
†	13·443	−15·062	0·70	...	...
*	+13·726	−41·728	1·20	43.8937	9·9
...	13·819	+41·791	0·65	...	...
S *	13·859	− 9·168	2·10	43.8936	8·8
...	13·930	−22·986	− 4	...	...
*	14·014	+12·551	1·05	42.8658	10·2
491					
†	+14·098	+19·890	0·90	42.8659	10·4
...	14·200	−40·244	− 5	m	...
...	14·241	−53·549	− 4	...	...
...	14·353	+31·877	0·70	..	...
...	14·492	+ 8·608	0·70	...	...
...	+14·660	+58·543	1·05	42.8661	10·8
...	14·743	−59·640	− 1	...	...
*	15·410	+10·542	2·00	42.8662	9·0
...	15·621	−52·774	− 5	...	...
*	15·754	−14·426	1·00	43.8938	10·4
501					
n *	+16·035	−25·115	0·90	43.8939	9·6
S *	16·110	+16·281	2·00	42.8663	8·5
n ‡	16·190	−24·970	1·00	43.8939	9·6
*	16·494	−24·518	2·20	43.8940	8·6
...	16·615	−45·957	0·75	...	...
...	+16·665	−24·254	− 4	...	...
...	17·123	−19·870	− 5	...	...
S *	17·132	−51·788	1·80	43.8941	8·9
*	17·293	−19·317	0·90	...	...
*	17·392	+27·717	0·90	42.8664	10·6
511					
*	+17·567	+15·372	1·05	42.8665	9·8
...	17·634	+46·982	− 4	...	...
...	18·022	+36·564	− 1	...	...
...	18·049	−54·076	0·80	...	...
...	18·200	+17·106	− 3		...
...	+18·214	− 2·611	− 5	...	...
...	18·348	+44·464	− 5	...	...
*	18·415	+25·080	1·90	42.8667	9·0
...	18·678	+10·272	− 4	...	...
...	18·687	+35·753	− 4	...	...
521					
...	+18·812	+ 5·436	− 4	...	...
*	18·855	+ 3·593	1·25	42.8668	10·0
...	19·037	+27·693	− 3	...	...
...	19·077	+15·493	− 2	...	...
*	19·664	−26·868	2·00	43.8942	9·0
...	+19·701	−42·681	− 5	...	...
.	19·831	+ 3·925	− 5	...	...
...	19·941	+ 6·336	0·90	42.8669	10·8
*	20·716	+15·618	2·10	42.8670	8·6
...	20·871	+37·562	− 5	...	...
531					
*	+20·977	+ 3·018	0·90	42.8671	10·6
...	21·187	+15·237	0·90	42.8672	10·4
...	21·492	+ 5·599	− 1	...	...
...	21·635	−37·902	− 5	...	...
...	21·665	−50·387	0·85	...	...
...	+22·170	− 4·243	− 5	...	...
*	22·590	+ 9·574	1·40	42.8673	9·5
...	22·877	+51·316	− 5	...	...
...	23·058	+18·552	− 5	.	...
...	23·196	+26·700	− 4	..	...
541-600					
541				°	
...	+23·477	+ 8·981	− 3	...	.
..	23·933	−45·160	− 5	m	...
...	23·968	+ 7·455	− 2	...	
.	24·127	−37·250	− 5	m	
	24·572	−41·475	− 4	...	..
*	+24·624	+ 2·509	1·20	42.8674	9·6
.	24·731	+14·709	1·00	42.8675	10·0
	24·835	−20·834	− 3	...	...
.	25·033	+13·186	1·25	42.8676	9·5
†	25·091	+23·862	1·00	42.8677	10·0
551					
†	+25·129	−39·608	0·65	...	..
.	25·130	+ 8·137	1·10	42.8678	9·6
†	25·138	− 1·102	0·70	...	...
*	25·426	−21·771	0·90	...	...
*	25·459	− 3·628	1·00	43.8943	10·4
...	+25·531	−18·329	− 2	...	...
...	25·537	+54·005	− 1	42.8679	10·8
..	25·813	+23·051	− 5	...	...
..	26·039	− 4·872	− 5	...	...
...	26·073	+46·289	− 3	...	...
561					
...	+26·479	+ 0·427	− 5	m	...
*	26·672	+ 0·751	0·95	43.8944	10·4
...	27·059	+ 9·162	− 4	...	...
...	27·075	+16·943	0·65	...	..
...	27·199	−29·718	− 5	m	...
..	+27·316	−30·472	0·90	...	...
...	27·864	+37·931	0·90	42.8680	10·8
*	28·019	− 2·255	1·00	43.8945	10·3
...	28·287	−45·840	0·90	...	..
...	28·686	−10·333	0·90	...	..
571					
..	+28·763	−41·931	0·90	...	...
..	28·988	−40·836	− 5	m	...
...	29·206	+45·583	− 5	..	...
...	29·318	+50·234	− 2	.	
...	29·375	−43·439	− 4	..	..
...	+29·483	−45·514	− 5	...	..
...	29·602	− 0·637	0·90	...	...
..	29·621	−37·944	− 3	...	...
*	30·377	−20·528	1·10	43.8946	10·3
...	30·813	+10·800	0·65	...	...
581					
...	+30·931	+ 4·471	0·70	...	...
...	31·389	+47·294	0·65	...	...
...	31·485	+ 7·481	0·90	42.8682	10·8
*	31·510	+41·493	1·00	42.8681	10·4
...	31·560	− 2·643	0·70	...	...
...	+31·578	−25·412	0·80	...	...
...	31·600	− 8·476	0·80	...	...
*	31·834	−15·175	1·80	43.8947	9·2
...	31·843	+17·509	− 4	..	...
...	31·966	− 2·887	− 5	...	...
591					
...	+32·134	+59·589	0·65	42.8683	10·6
.	32·246	−20·942	− 5	...	...
*	32·258	+39·452	1·30	42.8684	9·4
S ‡	32·396	+29·888	1·80	42.8685	9·2
...	32·515	−28·488	− 4	...	...
...	+32·653	+53·425	− 5	.	...
...	32·817	+ 6·418	− 4	.	..
..	32·839	−50·971	0·95	...	...
...	32·897	−13·491	0·85		..
...	32·959	+14·540	0·65	.	..
601-660					
601				°	
.	+33·010	− 1·642	0·75	...	...
	33·125	+29·820	1·80	42.8686	9·2
.	33·489	+16·249	− 3	...	...
..	33·724	+22·162	− 5	.	...
...	33·881	−29·127	− 5	...	..
.	+33·897	+22·376	− 5		...
	33·996	−12·962	0·70	.	...
.	34·079	+ 0·761	0·75	..	...
.	34·107	−48·463	− 5	...	...
*	34·457	+41·394	1·05	42.8687	10·2
611					
...	+34·598	−40·226	1·00	43.8948	10·4
*	34·891	+39·695	1·10	42.8688	10·0
..	35·015	+25·699	0·90	42.8689	10·4
...	35·210	−38·595	− 4	...	...
.	35·282	−35·137	1·00	...	...
..	+35·305	−24·434	0·70	...	...
...	35·765	−18·927	− 5	m	...
..	36·315	−29·688	− 5	m	...
...	36·359	+31·827	− 4	...	...
...	36·372	+36·832	0·95	42.8690	10·8
621					
..	+36·486	−14·532	0·85	...	...
..	36·496	+ 2·893	− 5	...	...
*	36·536	−39·564	1·05	43.8949	10·4
...	36·564	−10·495	− 5	m	...
.	36·645	+33·389	0·80	...	...
...	+36·773	−12·615	0·70	...	...
*	36·907	−51·017	1·50	43.8950	9·6
..	37·029	+39·058	0·85	...	...
..	37·055	+58·506	0·65	42.8691	10·6
...	37·105	+14·149	0·70	...	...
631					
...	+37·272	−46·759	1·00	...	...
...	37·482	−45·736	0·65	...	...
...	37·664	−26·423	− 5	m	...
...	37·722	−37·683	0·95	...	...
†	38·095	+19·902	0·80	...	...
...	+38·352	−13·349	0·65	...	..
...	38·472	+31·033	− 5	...	...
...	38·526	+ 9·274	− 5	m	...
..	38·614	+26·556	0·85	...	...
...	38·730	+32·610	0·95	42.8693	10·4
641					
...	+38·809	−21·463	− 5	m	...
...	38·944	− 6·021	0·85	...	..
...	39·076	+11·908	− 5	m	...
.	39·095	−34·084	0·65	a	...
...	39·494	+15·756	− 4	...	...
*	+39·750	−34·722	1·60	43.8951	9·5
...	39·995	−45·574	− 2	a	...
...	40·141	+31·597	− 3	...	...
N	40·282	+11·450	0·70	a	...
...	40·484	+ 6·493	0·95	42.8695	10·4
651					
*	+40·498	+31·501	1·00	42.8694	10·2
*	40·522	−35·897	1·40	43.8952	10·0
...	40·860	+ 6·860	0·80	42.8696	10·4
...	41·100	− 6·037	− 5	...	...
...	41·399	−19·456	− 5	...	..
...	+41·544	− 8·870	− 5	...	...
...	41·660	−38·379	− 5	m	..
†	41·970	− 0·115	0·70	a	...
..	42·019	−27·271	− 5	...	...
...	42·150	+42·141	0·85	42.8697	10·8

501, 503. C.P.D., mass.

649. 42°·116, obscured by reseau.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
	661-690				
661					
..	+42·471	+41·551	0·85	42.8698	10·8
*	42·915	− 9·722	1·05	43.8953	10·4
..	42·954	+27·776	− 3	...	...
*	43·215	−24·248	1·10	43.8954	10·3
.	43·351	−20·472	0·75	...	...
...	+43·469	−14·098	0·75	...	...
.	43·538	−30·638	0·80	...	...
...	43·819	−51·228	− 4	...	..
	43·993	−23·134	− 5	...	...
..	44·414	−57·840	1·15	43.8955	10·2
671					
*	+44·571	−38·077	1·05	..	.
	44·791	−28·048	− 4	m	..
...	44·846	−12·541	− 5	.	...
.	45·276	−25·735	− 1	..	.
	45·479	−16·240	0·80	...	..
..	+45·760	−53·710	− 3	..	...
.	45·794	−33·190	0·90		...
.	45·828	− 1·256	− 3	.	..
...	46·019	−40·222	− 3		...
.	46·144	−22·692	− 1		...
681					
...	+46·664	− 4·159	− 2	...	..
*	46·819	−25·912	1·00	43.8956	10·3
*	46·842	+30·741	1·30	42.8699	9·8
S *	46·920	−34·146	1·70	43.8957	9·0
...	46·939	+15·900	0·70	...	...
...	+47·486	−34·689	− 5	...	...
*	48·039	−16·705	0·95	43.8958	10·4
.	48·195	− 6·264	0·65	..	...
...	48·231	− 6·106	− 2	...	...
*	48·507	+43·143	1·50	42.8700	9·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
	691-720				
691					
...	+48·724	+31·772	− 5	...	...
...	48·831	−12·121	− 5	...	...
...	49·001	−41·656	− 4	m	...
...	49·015	−18·295	0·75	...	...
*	49·877	−16·170	1·50	43.8959	9·4
‡	+50·077	+37·914	0·95	42.8701	10·2
†	50·153	−51·605	0·90	...	...
..	50·323	−17·503	0·80	..	..
.	50·993	−32·323	0·65	...	
...	51·273	−58·986	− 1		...
701					
...	+51·930	+11·045	− 5	...	...
...	52·290	−58·379	− 1	.	...
*	52·430	−36·078	1·60	43.8960	9·3
...	52·440	−50·965	0·80	...	...
*	52·628	+27·621	1·00	42.8702	10·4
..	+52·803	− 0·786	− 5	m	...
...	53·402	+ 0·713	0·80	43.8961	10·8
...	53·791	+41·814	0·85	42.8703	10·6
...	53·996	+57·804	0·65	42.8704	10·8
...	54·245	+51·154	− 5	...	...
711					
.	+54·510	−49·689	0·80	...	
...	54·646	−44·098	− 5	...	
...	55·436	−33·808	0·85	..	...
...	55·483	+21·091	− 5	..	...
..	55·915	+45·351	− 2	42.8706	10·8
.	+56·003	−38·183	− 2	..	...
...	56·206	−20·350	0·85	...	...
	56·233	+12·312	0·80	..	...
...	56·721	+27·699	1·00	42.8707	10·4
..	57·267	−10·770	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
	721-732				
721					
...	+57·808	+ 4·041	− 4	...	..
...	57·906	+25·039	0·95	42.8708	10·4
...	58·239	+ 1·180	0·90	43.8962	10·6
...	58·296	−20·635	− 5	e	...
...	58·390	+ 5·899	− 5	...	...
*	+58·429	+21·325	1·70	42.8709	9·4
S *	58·783	+ 8·072	1·90	42.8711	8·4
...	59·008	+47·371	0·90	42.8710	10·4
..	59·254	+28·457	0·95	42.8713	10·2
...	59·304	−26·134	0·65	...	...
731					
...	[+59·349	+56·085	− 1	42.8712	10·6
...	59·974	− 6·744	− 5	...	..

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
	1-20				
1					
*	−59·363	−16·309	1·60	43.8959	9·4
...	58·882	−17·625	0·80	...	...
...	58·115	+15·941	− 5	...	...
...	58·020	−51·724	0·95	...	...
*	57·927	+27·546	1·15	42.8702	10·4
.	−57·753	−32·423	0·70	...	...
..	57·468	+57·735	0·65	42.8704	10·8
	57·192	+41·764	0·95	42.8703	10·6
	56·680	−59·065	− 1	...	...
..	56·345	+ 0·668	0·95	43.8961	10·8
11					
*	−56·209	−36·118	1·90	43.8960	9·3
...	55·758	−51·005	0·85	...	...
.	55·682	−58·423	0·75	..	...
...	55·155	+45·372	0·75	42.8706	10·8
	54·862	+21·111	− 4	.	...
..	−53·852	+12·335	0·70	..	...
...	53·830	+27·748	1·00	42.8707	10·4
...	53·764	−44·079	− 4	..	...
...	53·736	−49·671	0·80	..	...
.	53·477	−33·900	− 5	M	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
	21-40				
21					
.	−53·279	−33·778	0·95	...	...
...	52·904	−20·303	0·90	...	...
..	52·570	−38·125	0·65	...	...
	52·558	+25·128	1·00	42.8708	10·4
.	52·142	−10·694	− 4	...	...
...	−52·126	+47·470	1·10	42.8710	10·4
...	52·063	+56·194	0·85	42.8712	10·6
..	52·042	+ 4·133	− 3	...	...
*	51·928	+21·426	1·80	42.8709	9·4
.	51·664	−37·115	− 5	M	...
31					
...	−51·518	+ 1·287	0·80	43.8962	10·6
.	51·513	+ 6·006	− 3	..	...
.	51·323	+28·575	1·00	42.8713	10·2
S *	51·179	+ 8·182	1·90	42.8711	8·4
	51·148	−29·884	− 3	...	...
	−50·811	−20·508	− 4	E	...
	49·647	+ 6·794	1·10	42.8714	10·0
	49·647	−25·983	0·65	..	...
.	48·845	+15·104	− 2	...	...
...	48·828	+18·602	− 5	..	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
	41-60				
41					
...	−48·254	+35·448	− 4	...	...
...	48·194	−40·570	− 3	...	...
...	47·901	− 8·958	− 5	M	...
...	47·700	− 7·825	0·75	...	...
*	47·622	−27·051	1·25	43.8963	10·0
...	−47·609	−50·758	− 3		.
...	47·364	−40·800	1·00	...	...
..	46·529	+28·659	− 3	..	..
...	46·437	+16·151	0·65	...	
...	46·264	+30·151	− 5	..	.
51					
..	−46·209	−13·374	0·90	...	...
...	45·929	−52·383	− 1	...	...
*	45·606	−59·499	1·60	44.9534	9·8
...	45·492	+14·301	0·90	42.8715	10·8
*	45·334	− 6·970	1·00	...	..
...	−44·912	−44·732	1·00	...	...
...	44·731	− 6·870	− 5	M	...
...	44·029	+32·544	− 2	...	...
	43·681	+32·218	0·80	42.8716	10·8
...	43·620	+28·889	− 1	...	...

ES measured from 1, 355.
NM .. .. 138, 493.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
61 120					
61					
...	−43·430	−15·233	− 3	...	...
..	43·129	−25·738	0·70	...	.
...	43·112	−23·973	0·80	.	...
...	42·757	−50·960	0·65	.	...
...	42·545	+ 6·690	− 2	...	.
*	−42·276	+40·232	1·50	42.8717	9·8
...	42·234	+25·960	0·70	...	...
..	41·799	+34·682	0·90	42.8718	10·8
...	41·041	+23·063	− 5	...	...
...	41·007	−47·003	0·80	...	...
71					
...	−40·715	−40·986	− 4	...	...
...	40·685	+31·767	− 5	..	...
...	40·472	+13·941	− 2	...	...
...	40·429	+37·066	− 5	.	..
†	40·201	−54·972	− 3	..	...
...	−40·027	− 2·703	0·65	.	...
...	39·997	+42·254	− 4	...	..
...	39·671	−51·084	− 2	...	...
...	39·402	+38·062	0·90	42.8719	10·8
...	39·337	−16·912	− 4	...	...
81					
...	−38·895	+46·273	0·95	42.8720	10·8
..	38·778	+21·605	− 5	...	...
...	38·220	−47·785	− 3	...	...
...	38·098	−53·392	− 1	...	...
*	37·800	+32·086	1·20	42.8721	9·8
...	−37·790	−33·666	− 1	...	...
...	37·731	+11·712	− 3	...	...
*	37·545	+43·812	1·35	42.8722	10·0
...	37·513	+33·173	− 5	...	...
*	37·492	−24·220	1·00	43.8964	10·4
91					
...	−37·453	+21·468	0·65	...	...
...	37·431	−54·826	− 3	...	...
...	37·222	− 9·578	− 2	...	...
*	37·217	−25·252	1·00	43.8965	10·3
...	36·934	+21·535	− 4	...	...
...	−36·794	+12·303	1·00	42.8723	10·4
...	36·746	−23·281	− 3	..	...
...	36·673	+30·585	− 3	.	...
...	36·547	−36·135	− 5	..	..
...	36·509	+ 7·241	0·80		...
101					
†	−36·350	+29·794	− 3	...	
...	36·300	−58·340	0·90	...	.
...	36·291	−57·188	− 3	.	...
...	36·093	+13·973	0·65	...	.
...	35·917	−36·522	0·70	...	...
...	−35·745	+32·431	− 2		..
...	35·187	−23·575	0·65	..	...
...	35·170	+14·245	0·85	...	..
...	35·079	+10·644	− 5	M	..
...	34·571	+36·417	− 3	...	.
111					
...	−34·496	+ 6·615	− 1	...	.
*	34·454	+37·182	1·60	42.8725	9·2
...	34·425	− 7·194	− 4	...	...
...	34·358	+10·951	− 3	...	...
...	34·065	−25·156	− 2	...	...
*	−33·985	−51·490	1·10	43.8966	10·0
*	33·425	− 5·251	0·95	..	...
*	33·394	−15·323	1·20	43.8967	9·8
...	33·340	− 3·669	− 3	...	...
...	33·275	+ 7·302	− 3	...	...
121–180					
121					
*	−33·096	+39·506	1·00	42.8726	10·2
...	32·579	−28·543	− 3	...	...
...	32·314	− 5·747	0·75	...	.
.	32·286	−45·400	1·05	.	.
.	32·148	+17·837	− 5	...	...
...	−31·791	− 3·370	− 5	...	...
...	31·256	−54·274	− 5	M	...
S	31·059	−40·027	1·20	43.8968	9·8
...	30·990	+40·648	− 3	...	...
...	30·428	+34·378	0·70	...	...
131					
*	−30·383	−17·334	1·20	43.8969	9·7
...	30·287	−27·505	0·85	...	..
...	30·280	+43·043	− 4	...	...
...	30·109	+ 6·637	− 1	...	...
...	30·039	− 8·996	− 4	M	...
...	−30·029	− 0·266	0·70	...	...
*	29·843	−12·155	1·15	43.8970	10·1
...	29·453	+ 9·263	0·85	42.8727	10·4
...	29·433	+55·450	− 5	...	...
...	29·317	+41·364	0·95	42.8728	10·2
141					
...	−29·265	−20·362	− 4	...	...
...	29·125	− 3·108	0·90	...	...
...	29·105	+36·747	0·75	42.8729	10·8
*	28·864	− 6·663	1·10	43.8971	10·1
...	28·846	+16·093	0·70	...	...
...	−28·459	+38·434	0·85	42.8730	10·6
..	28·258	−11·052	− 4	...	...
...	27·651	−40·513	0·80	..	...
S *	27·640	+45·132	2·80	42.8731	8·1
...	27·497	−15·116	0·70	...	...
151					
*	−27·482	+30·645	1·00	42.8732	10·4
...	27·143	+16·258	− 5	..	...
...	26·722	+30·174	0·70	..	...
*	26·644	−23·266	1·00	...	...
...	26·564	−12·798	− 5	..	..
...	−26·362	− 6·893	− 5	.	...
..	25·887	−58·159	− 5	.	...
..	25·248	−37·953	0·80	..	...
..	25·189	−37·588	− 3	...	...
...	24·888	+ 4·203	0·75	...	...
161					
..	−24·803	+37·394	0·80	42.8733	10·8
...	24·785	+45·588	− 4	...	...
†	24·711	−12·612	0·70	..	...
†	24·700	+ 6·366	0·70	...	...
..	24·463	+12·074	0·70	.	...
...	−24·432	− 6·829	− 5		...
.	24·355	+21·271	− 4		...
.	24·108	−40·697	− 5	...	..
.	23·978	− 3·753	0·70	...	...
.	23·875	−13·968	0·65		...
171					
...	−23·616	−24·244	0·80	..	...
...	23·607	+38·167	− 5	..	...
*	23·551	−23·146	1·00	...	...
...	23·547	+26·750	− 1	...	...
...	23·205	− 0·743	0·70	...	.
...	−23·151	−38·095	0·75	.	...
...	22·959	−51·737	0·75	...	...
...	22·874	−11·020	− 5	M	...
...	22·657	− 4·709	− 5	M	...
...	22·629	−49·342	0·95	...	...
181 240					
181					
.	−22·570	−51·995	0·80	...	...
..	22·441	+54·340	− 5	...	...
...	22·404	+10·850	− 5	...	...
*	22·386	−53·204	1·30	43.8972	10·1
...	22·336	−19·430	− 5	...	...
*	−22·332	+31·566	1·00	42.8734	10·4
.	21·854	+55·763	0·75	...	...
.	21·565	+23·730	1·70	42.8735	9·5
...	21·540	−32·345	− 5	..	...
...	21·454	−37·707	− 5	...	...
191					
...	−21·421	−15·771	0·90	...	...
...	20·876	+56·958	− 5	...	...
...	20·863	+ 5·374	0·70	...	...
*	20·762	+59·193	1·40	42.8736	10·0
...	20·658	+31·473	0·65	...	...
...	−20·576	−16·215	0·80	...	...
..	19·966	−41·880	0·65	A	...
...	19·363	−13·505	1·00	...	...
...	18·868	+30·884	0·70	...	...
...	18·744	−24·562	0·85	...	...
201					
...	−18·664	+26·697	0·75	...	...
...	18·608	−46·954	0·85	.	...
...	18·444	+43·719	− 5	...	...
...	18·431	−42·130	− 5	...	...
...	18·133	+31·834	− 5	...	..
...	−18·059	+11·071	0·95	42.8737	10·8
..	17·996	−48·833	− 3	...	...
.	17·964	+ 1·206	− 5	M	...
...	17·717	−44·385	0·75	...	...
...	17·653	+13·660	0·70	...	...
211					
...	−17·533	+52·190	− 4	..	...
...	17·201	−22·344	− 2	...	..
...	16·501	+28·162	0·75	...	...
*	16·276	−26·933	1·00	...	...
*	16·044	+17·946	2·40	42.8738	8·4
...	−15·852	+40·678	− 5	...	...
...	15·565	+49·165	− 4	M	...
*	15·433	− 7·627	1·00	...	...
...	15·147	−33·659	0·85	...	...
*	15·064	+39·528	1·20	42.8739	10·2
221					
...	−14·755	+ 3·653	− 4	M	...
S *	14·425	+20·749	2·80	42.8740	8·2
...	13·737	+53·370	1·05	42.8741	10·4
...	13·695	+35·852	0·95	42.8742	10·6
...	13·492	− 3·410	0·80	...	...
S ‡	−13·170	−30·074	2·00	43.8973	8·2
.	12·959	+30·128	− 5	...	...
*	12·947	+54·435	2·20	42.8743	8·8
*	12·872	+54·473	1·40		
...	12·835	+44·217	0·70	...	...
231					
...	−12·556	+45·912	− 5	...	...
...	12·289	−12·437	− 1	...	...
...	12·186	−29·500	0·95	...	...
...	11·982	+16·875	0·90	42.8745	10·6
*	11·850	+56·223	1·20	42.8746	9·8
...	−11·356	−23·441	0·70	...	...
*	11·265	+10·100	1·05	42.8747	10·0
*	10·910	−11·236	1·05	...	...
...	10·787	+51·042	− 3	...	...
...	10·600	−55·500	1·05	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
241-300					
241					
...	−10·412	−41·234	− 5	...	...
..	10·373	+22·788	− 5	..	...
*	10·353	+26·717	1·05	42.8748	10·0
...	10·182	+13·501	0·75	...	...
...	10·174	−38·850	1·00	...	...
...	− 9·844	−48·421	− 4	...	...
;	9·739	+33·405	1·05	42.8749	10·0
;	9·678	−54·379	0·65	...	.
†	9·629	−52·144	0·80	...	..
*	9·505	+16·861	1·00	42.8750	10·2
251					
*	− 9·445	−47·410	2·00	43.8974	8·5
...	9·030	−42·813	− 5	...	...
...	8·868	+22·421	− 5	...	...
.	8·761	+35·735	0·80	...	.
.	8·702	− 2·110	0·80	...	...
. .	− 8·687	− 1·120	− 5	M	.
...	8·493	− 7·051	0·70	...	. .
.	7·525	+ 0·101	− 5	M	...
	7·495	− 4·188	0·70		
..	7·135	+26·296	− 5	...	.
261					
...	− 6·898	−44·796	0·65	.	...
...	6·857	+58·000	− 5	..	..
. .	6·845	−55·476	− 4	...	...
. .	6·482	+39·630	0·70	. .	..
...	6·256	−45·381	1·00	...	.
...	− 6·210	−39·412	0·75	...	...
.	5·993	−15·203	0·90	. .	...
.	5·842	−58·831	− 5	...	...
...	5·740	+48·601	0·70	...	.
...	5·689	+17·44-	− 5	..	..
271					
...	− 5·543	−56·889	0·70	...	...
*	5·522	+58·498	1·40	42.8751	9·5
	5·272	+17·637	− 5	...	...
.	5·009	+20·659	− 5	M	...
..	4·941	+32·405	0·70	...	...
;	− 4·909	−44·579	0·95	...	...
†	4·746	+33·206	0·70	...	...
...	4·570	+31·514	0·85	42.8752	10·8
...	4·474	−35·055	0·85	...	...
.	4·373	+ 8·469	0·90	42.8753	10·8
281					
...	− 4·274	−23·947	− 5	...	...
	4·250	− 2·401	0·80	...	..
	4·185	+22·356	− 1	...	.
...	4·173	−36·032	− 5	...	..
...	4·144	+16·527	0·70	...	...
	− 3·874	−26·438	− 5	...	
..	3·773	+48·034	− 3	...	...
...	3·419	− 6·809	0·70	...	
...	3·155	+ 5·251	− 3	M	..
..	3·053	+21·389	0·70	...	...
291					
..	− 2·916	−18·032	0·80	...	...
..	2·537	+42·068	0·95	42.8754	10·6
...	1·936	−35·644	− 5	...	.
	1·789	−39·511	0·80		..
...	1·534	+38·26-	− 1	.	..
.	− 1·425	−58·732	− 2		..
	1·420	+50·998	− 5		..
	1·401	−52·631	0·75		..
	1·235	−40·159	0·80		..
...	0·893	+38·31-	1·00	42.8755	10·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
301-360					
301					
...	− 0·421	+26·269	− 5	...	...
...	0·351	− 3·945	− 5	M *m*	...
..	0·258	+14·532	− 4	...	...
*	0·069	− 3·862	1·20	43.8975	10·0
*	− 0·033	− 4·455	1·70	43.8976	9·7
...	+ 0·073	−52·348	0·90	...	...
..	0·154	+55·366	1·10	42.8756	10·2
...	0·530	+27·469	0·90	42.8757	10·8
...	0·535	−37·195	− 2	...	...
...	0·598	+32·659	− 2	...	...
311					
...	+ 0·966	+27·245	− 5	M	...
...	1·122	+53·032	− 3	...	...
. .	1·227	−19·579	0·70	...	...
. .	1·349	−49·299	0·70	...	...
...	1·446	+12·953	− 5	M	..
...	+ 1·458	+ 8·121	0·85	42.8758	10·8
...	1·567	+ 7·289	0·85	42.8759	10·8
S .	1·638	+47·823	3·00	42.8760	7·9
*	1·782	+28·138	1·50	42.8761	9·2
...	2·416	−23·275	0·75	...	...
321					
...	+ 2·508	−35·494	0·80	...	...
...	2·585	+29·679	− 3	...	...
...	2·852	−16·527	0·85	..	...
. .	3·129	+49·337	− 5	...	...
...	3·210	+39·997	− 5	M	...
...	+ 3·498	+ 7·248	− 5	M *m*	..
.	3·585	−53·105	0·95	...	...
*	3·844	+ 1·491	0·95	43.8977	10·2
*	4·011	+58·782	1·30	42.8762	10·0
...	4·453	+43·153	0·65	...	...
331					
...	+ 4·671	+31·519	− 3	.	...
.	4·867	−43·815	− 3	...	...
.	4·872	+20·136	− 4	...	...
...	5·033	−10·956	− 5	...	...
†	5·304	−43·185	0·70	...	...
...	+ 5·374	−14·888	− 2	.	..
...	5·566	−33·857	− 3	...	...
*	5·790	−41·924	1·05	43.8978	10·1
...	6·100	−51·455	− 1	...	...
...	6·276	+51·994	0·85	42.8763	10·4
341					
...	+ 6·359	+25·636	− 5	...	...
*	6·543	−44·341	1·05	43.8979	10·0
...	6·630	+21·968	− 5	...	...
...	6·718	−16·269	0·90	...	...
*	6·752	−40·533	1·10	43.8980	10·1
*	+ 6·896	−39·625	1·00	43.8981	10·1
...	7·192	+34·470	0·80	...	...
..	7·234	−13·421	0·80	.	...
...	7·293	−28·703	− 3	.	...
...	7·551	+31·664	0·70	. ...	...
351					
...	+ 7·581	− 7·345	− 5	.	..
.	7·688	−50·104	− 1	.	
...	7·818	−11·503	− 5	.	..
	8·363	+46·696	− 4	...	...
	8·372	+20·433	− 4	..	.
.	+ 8·884	+40·386	− 5	.	...
	9·029	+55·938	1·10	42.8764	10·2
*	9·160	−31·529	0·95	...	...
.	9·565	+37·859	− 4	...	...
*	9·620	+28·419	1·80	42.8765	9·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
361-420					
361					
...	+ 9·779	+43·880	− 5	...	...
...	9·825	+38·913	− 5	...	...
...	9·841	+40·072	− 3	*m*	...
*	9·993	− 2·510	1·15	43.8982	10·0
...	10·026	+18·323	− 5	...	...
...	+10·518	+13·437	− 4	*m*	...
...	10·722	− 8·892	− 5	...	...
...	10·830	+12·195	− 5	...	...
*	10·941	−24·019	2·30	43.8983	8·7
*	11·017	+22·956	1·00	42.8766	10·4
371					
...	+11·490	+22·382	− 3	.	...
...	11·875	+31·717	− 4	...	...
...	12·076	+15·049	− 5	...	...
...	12·425	− 1·588	− 4	...	...
...	12·585	+15·870	− 3	...	...
...	+12·691	−48·272	− 5	...	...
..	12·920	−54·421	0·80	...	...
...	13·041	+33·412	− 4	...	...
...	13·103	−48·571	− 5	.	...
...	13·272	−11·811	− 4	...	...
381					
...	+13·388	−46·998	0·70	...	...
*	13·418	+37·706	1·00	42.8767	10·2
..	13·907	+56·370	1·00	42.8768	10·6
...	14·053	− 4·873	0·95	...	...
.	14·385	−30·462	− 5	...	...
...	+14·483	+13·220	− 4	...	...
*	14·523	− 9·138	1·00	...	...
. .	14·664	+40·704	0·70	42.8769	10·8
...	15·422	−25·413	− 5	...	...
*	15·659	−43·382	1·10	43.8984	10·1
391					
..	+15·778	+20·467	0·85	42.8770	10·6
...	16·214	+53·163	1·00	42.8771	10·8
...	16·237	+40·470	0·65	...	...
...	16·246	−15·966	− 3	. .	...
...	16·250	+28·797	− 5	...	...
...	+16·253	+11·331	− 3	...	...
...	16·500	−12·328	− 4	...	...
...	16·790	−58·489	− 5	...	...
...	16·851	+ 3·798	− 4	...	...
*	16·881	−28·808	1·60	43.8986	9·4
401					
*	+16·893	−26·199	1·15	43.8985	10·1
..	17·028	−54·105	0·90	...	...
...	17·489	− 9·675	− 2	...	...
...	17·565	+23·107	0·85	42.8772	10·8
...	17·626	+28·157	− 4	...	...
...	+17·958	−40·093	− 5	...	...
...	18·041	−16·537	− 4	...	...
...	18·419	+27·607	− 5	...	. .
*	18·668	+31·231	1·80	42.8773	9·2
...	19·156	−35·934	− 5	...	...
411					
...	+19·293	+30·641	− 5	...	...
*	19·406	− 7·675	1·80	43.8987	9·7
...	19·680	+30·565	0·85	42.8774	10·8
...	19·789	+38·517	0·80	42.8775	10·8
...	19·813	−11·374	− 5	*m*	...
...	+20·564	−23·752	0·85	...	...
...	20·782	+56·776	− 1	42.8776	10·8
...	20·965	+ 0·687	− 3	...	...
...	21·036	+33·174	− 5	...	...
*	21·043	+33·820	1·50	42.8777	9·5

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
421-480					
421					
...	+22·153	+25·222	− 5	...	...
*	22·337	−18·646	1·20	43.8988	10·0
*	22·421	+56·936	1·40	42.8778	9·4
...	22·615	− 2·549	0·70	...	..
*	22·771	−18·940	1·20	43.8989	9·9
*	+22·799	+28·961	1·05	42.8779	10·0
...	22·809	+42·196	− 1	...	...
*	22·928	−13·179	1·00	...	...
...	22·947	+ 9·478	− 5	...	...
*	23·077	+21·088	1·20	42.8780	10·0
431					
*	+23·237	− 4·633	1·60	43.8990	9·6
...	23·479	−39·602	− 3	...	...
...	23·523	−44·464	− 5	m	...
...	23·560	+11·013	− 1	...	...
...	23·641	+24·736	− 5	...	...
...	+23·663	+24·497	− 3	...	...
...	23·814	+10·542	0·70	...	...
S †	24·020	−54·938	2·90	43.8991	7·0
...	24·077	+22·136	− 2	...	...
...	24·420	−45·467	− 3	...	...
441					
...	+24·538	−57·757	0·85	...	...
...	24·844	−11·048	0·70	...	...
...	24·902	−13·965	− 4	...	...
...	25·108	+35·827	− 3	...	...
...	25·320	+57·239	− 5	...	...
S *	+25·765	−13·656	1·90	43.8992	9·0
...	26·020	+23·320	0·80	42.8781	10·8
...	26·167	+ 5·393	1·00	42.8782	10·4
*	26·303	+35·533	1·20	42.8783	9·8
...	27·038	−24·459	− 5	...	...
451					
...	+27·192	+38·852	1·00	42.8784	10·4
...	27·195	+12·893	0·75	...	...
...	27·253	−43·673	0·70	...	...
*	27·293	− 4·644	1·00	...	...
...	27·383	+17·793	0·65	...	...
...	+27·506	−15·130	− 2	...	...
...	27·694	−40·007	0·75	...	...
...	28·292	−30·348	0·65	...	...
...	28·550	+ 8·118	0·80	42.8785	10·8
...	28·682	+ 5·601	0·75	...	...
461					
...	+28·745	+23·421	0·90	42.8787	10·8
*	28·816	+26·653	1·40	42.8786	9·4
...	30·301	+32·680	0·70	...	...
†	30·566	− 9·969	− 4	...	...
...	31·104	−38·670	1·00	...	...
...	+31·207	+ 0·886	0·65	...	...
*	31·249	−22·036	1·60	43.8993	9·9
*	31·459	−15·177	0·95	...	...
...	31·606	+42·481	− 5	...	...
...	31·616	+47·311	0·90	42.8788	10·6
471					
...	+31·656	+18·222	− 5	...	...
...	31·729	−27·296	− 5	...	...
...	31·816	−57·965	0·70	...	...
...	31·870	+27·899	− 3	...	...
...	31·914	−26·768	− 2	...	...
...	+32·074	− 7·732	0·90	...	...
...	32·100	−12·241	− 4	...	...
...	32·119	−45·799	0·80	...	...
...	32·249	−18·656	− 5	...	..
*	32·391	+18·186	1·00	42.8789	10·2
481-540					
481					
...	+32·412	−57·613	0·70	...	...
...	32·457	− 2·963	− 4	...	...
...	32·473	−10·760	− 5	...	...
...	32·524	−49·291	− 1	...	...
...	32·601	+46·283	− 1	...	..
...	+32·869	− 0·944	− 5	...	...
...	32·882	+52·455	1·05	42.8790	10·2
...	32·889	+47·586	− 5	...	...
S *	33·100	+16·877	1·80	42.8792	9·4
...	33·107	+53·233	0·65	42.8791	10·8
491					
...	+33·209	+37·326	0·65	...	...
...	33·229	−32·562	0·70	...	...
...	33·394	+58·219	0·65	42.8793	10·8
...	33·424	− 9·382	− 1	...	...
...	34·113	−20·069	0·65	...	...
...	+34·186	+36·838	0·95	42.8795	10·4
...	34·210	+38·726	1·00	42.8796	10·8
...	34·491	+55·103	− 5	..	...
...	34·611	+13·560	− 4	...	...
...	34·849	+25·299	0·75	...	...
501					
...	+34·937	− 1·560	− 5	...	...
...	35·008	−36·440	− 5	...	...
...	35·019	+24·769	− 5	...	...
†	35·239	−10·512	0·75	...	...
...	35·429	− 5·726	0·70	...	...
...	+35·489	+43·390	1·00	42.8797	10·4
...	35·609	−15·767	− 5	..	...
...	35·653	+11·187	0·70	...	...
...	35·737	+45·439	− 1	...	...
...	35·772	−28·608	− 1	...	...
511					
...	+35·867	+14·148	0·80	...	...
...	35·917	+43·869	− 5	...	...
*	36·343	+22·573	1·05	42.8798	10·2
...	36·585	−16·048	− 5	...	...
...	37·221	+54·332	− 5	...	...
...	+37·711	+51·511	0·65	...	...
...	37·783	+ 2·026	0·90	43.8994	10·8
...	37·988	+15·071	0·70	..	...
...	38·218	+ 3·799	0·90	42.8799	10·8
...	38·513	− 8·718	− 5	...	...
521					
...	+38·750	−45·825	0·90	...	...
...	38·754	−49·770	0·85	...	...
...	39·017	− 3·790	0·90	..	...
...	39·126	−39·630	− 5	...	...
...	39·342	+36·528	0·65	...	..
...	+39·462	+10·468	0·75	...	..
...	40·746	− 2·615	0·70	...	...
...	41·336	+10·373	1·00	42.8800	10·4
...	41·360	−22·892	0·70	...	...
...	41·642	−12·684	− 5	...	...
531					
...	+41·642	+19·736	− 5	...	...
...	41·950	−32·503	0·80	...	...
...	42·163	+45·213	− 5	...	...
...	42·247	+24·328	− 4	...	...
...	42·657	+50·036	− 5	...	...
...	+43·163	+41·072	0·90	42.8801	10·6
...	43·184	−50·218	− 5	...	...
...	43·443	+18·288	− 2	...	...
...	43·819	+21·255	− 3	...	...
S ‡	44·047	+54·781	2·70	42.8802	8·5
541-600					
541					
*	+44·138	−50·452	1·40	43.8995	9·8
...	44·461	+53·239	− 4	42.8803	10·8
...	44·729	+25·701	0·80	...	...
†	45·076	+37·331	0·90	42.8804	10·8
...	46·175	−11·085	0·70	...	...
...	+46·469	+46·116	− 5	...	.
*	46·633	− 0·792	1·00	...	
...	46·936	+45·775	− 3	...	
...	47·329	−17·326	− 5	...	.
*	47·420	+15·979	1·00	42.8805	10·0
551					
...	+47·647	+19·113	1·00	42.8807	10·4
...	47·783	+11·067	− 5	...	...
*	47·841	−54·551	1·60	42.8806	9·2
...	48·359	−25·233	− 5	..	...
...	48·709	+33·570	− 5	...	...
*	+48·847	−15·309	1·00	...	...
...	48·897	+11·443	0·85	42.8808	10·8
...	49·242	− 9·562	0·70	...	...
...	49·310	− 5·667	− 1	...	...
...	49·849	+41·370	− 5	...	...
561					
...	+50·346	+ 8·515	− 1	a	...
*	50·363	+31·499	1·00	42.8809	10·2
...	50·505	− 1·104	0·70	...	..
*	50·638	+21·192	1·50	42.8810	10·0
...	50·940	+ 1·767	0·90	...	...
...	+51·055	− 3·421	− 5	..	...
...	51·304	+20·615	− 5	...	...
...	51·309	−41·361	− 4	...	...
N	51·472	−28·908	− 2	...	...
N	51·522	−28·895	0·75	...	...
571					
†	+51·501	+34·875	− 4	...	...
...	51·522	+ 1·009	0·95	43.8996	10·8
...	51·687	+55·122	− 5	...	...
...	51·875	− 8·392	0·90	...	...
...	52·369	−28·820	− 5	...	..
...	+52·385	+ 2·497	− 5	...	...
...	52·454	−22·973	− 5	..	...
...	52·556	− 6·705	1·00	...	..
...	52·731	−27·600	− 4	...	...
*	52·950	−33·892	1·40	43.8997	10·1
581					
...	+53·123	− 2·164	0·95	...	...
...	53·432	+23·665	− 5	...	...
...	53·611	−49·650	0·70	...	...
...	54·116	− 1·694	− 5	...	...
...	54·364	−20·226	0·70	...	...
...	+54·413	−11·173	− 5	...	...
...	54·523	−11·067	− 5	...	...
...	54·680	+25·129	0·85	42.8811	10·8
*	55·000	+12·899	1·05	42.8812	10·0
...	55·442	− 1·499	0·65	...	...
591					
...	+55·731	−36·720	0·80	...	...
...	55·914	−10·097	0·80	...	...
...	56·035	+14·396	0·65	...	...
...	56·138	+25·009	0·70	...	...
...	56·169	+53·016	− 4	...	...
...	+56·173	+51·285	0·65	...	...
...	56·344	−22·830	0·70	...	...
...	56·355	−27·332	− 1	...	...
...	56·583	− 3·400	0·75	...	...
...	56·878	−33·710	0·85	...	...

569, 570. 43°·117, suspected double; 44°·117, two stars.

Notes.	Co-ordinates. x.	y.	Diam. r.	C.P.D. No.	C.P.D. Mag.
				601-610	
601					
...	+57·957	−33·693	− 5	...	...
*	57·974	+11·773	1·60	42.8814	9·5
*	57·394	+50·100	1·70	42.8813	9·4
...	57·469	+55·210	− 5	..	...
*	57·796	−37·620	1·20	43.8999	10·1
*	+58·071	− 0·666	1·40	43.8998	9·8
...	58·186	−18·214	0·95	.	...
...	59·027	−24·282	0·80	...	...
*	59·139	+46·650	1·30	42.8815	10·0
...	59·264	−52·038	− 5	...	...
				611-616	
611					
...	+59·275	− 6·546	− 5	...	...
...	59·290	+14·731	− 5	...	..
...	59·432	−19·084	− 5	..	...
...	59·535	−38·607	0·65	...	...
...	59·758	+13·887	− 4	...	...
...	+59·994	−23·145	− 5	..	...

Notes.	Co-ordinates. x.	y.	Diam. r.	C.P.D. No.	C.P.D. Mag.
				1-40	
1					
...	−59·2 2	− 1·234	− 2	...	...
...	58·855	+ 1·648	0·75	...	...
..	58·237	+ 0·902	0·90	43.8996	10·8
...	57·612	− 8·481	0·75	...	...
...	57·428	+ 2·419	− 5	..	...
N	−57·351	−28·993	0·65	..	.
...	57·176	−41·441	− 5	...	...
...	57·1	+23·596	− 5	...	...
...	56·975	− 6·772	0·9	..	...
..	56·594	−23·032	− 5	..	..
11					
..	−56·536	− 2·224	0·90	...	..
...	56·180	−27·649	− 4	.	...
...	55·798	+25·113	0·75	42.8811	10·8
*	55·774	−33·925	1·15	43.8997	10·1
..	55·430	+36·050	− 5	...	...
..	−55·108	+12·892	1·00	42.8812	10·0
...	55·075	+51·295	− 4		..
	54·975	−11·187	− 5	..	...
	54·855	−11·078	− 5	.	.
.	54·762	−20·232	− 2		...
21					
†	54·626	−49·7 5	− 5	.	..
	54·355	+25·039	− 5	..	...
	54·241	− 1·491	− 4	.	.
.	54·134	+14·433	− 4	..	
*	53·832	+50·127	1·50	42.8813	9·4
	−53·523	−10·764	·65	...	...
	53·069	− 3·349	− 3	.	...
*	53·025	+11·837	1·20	42.8814	9·5
...	52·902	−36·670	0·70	...	...
	52·711	−22·767	− 3		...
31					
...	−52·54	−27·276	− 5	.	
	51·8	+16·711	1·10	42.8815	10·0
...	51·835	3	0·85	.	...
+	51·634	571	1·15	43.8998	9·8
.	50·990	−18·122	0·95		
*	−50·817	−3 526	1·15	43.8999	10·1
S	50·436	+31·113	2·5	42.8816	8·5
...	50·390	+11 36	− 4		
...	50·248	9 13	4		..
...	5 62	+2 170	− 5		
				41-80	
41					
..	−49·972	−24·163	− 4	...	...
*	49·909	+48·484	1·80	42.8817	9·2
...	49·819	−38·464	− 1	...	...
...	48·904	−51·895	− 3	...	...
...	48·642	−27·922	− 4	..	...
...	−48·563	+12·795	− 5	...	...
..	48·517	+14·658	− 5	.	..
...	48·404	+18·290	− 5	...	...
...	47·874	+21 241	− 5	...	...
*	47·632	−16·282	1·20	43.9000	10·0
51					
...	−47·455	− 6·232	− 4	...	...
...	47·232	+28·728	− 4	.	..
...	46·950	+ 5·971	0·70	42.8818	10·6
...	46·931	−30·204	− 4	..	...
...	46·701	− 7·790	− 5	M	..
...	−46·624	−13·811	0·65	...	...
...	46·452	−41·839	− 1	...	...
..	46·209	−36·513	− 4	...	...
...	45·816	−39·526	− 5	...	...
†	45·752	−20·624	0·80	...	...
61					
S *	−45·523	+14·087	2·20	42.8819	8·3
...	45·012	+21·658	− 5	...	...
†	44·742	+52·426	− 4	42.8820	10·8
...	44·632	+47·844	− 5	...	...
	44·619	− 10·555	− 5	...	...
..	−44·546	+41·697	− 5	...	...
...	44·104	+41·979	− 3	..	.
..	43·854	−10·943	− 5	...	...
..	43·634	−51·992	− 5	..	...
...	43·580	+26·682	− 5	..	..
71					
.	−43·395	−35·106	− 5	M	...
..	43·350	−23·697	− 5	.	.
...	43·328	+48·024	− 4	..	...
..	43·000	−45·362	− 5	M	...
..	42·975	− 3·129	0·90	.	
.	− 42·838	+20·227	− 5	.	..
	42·642	+44·966	− 3	..	...
	42·545	+38·353	0·75	42.8821	10·8
	42·269	+32·251	− 2		..
...	42·267	−11·5 3	0·90		...
				81-120	
81					
*	−41·285	+18·944	1·00	42.8822	9·8
...	41·138	+53·773	1·00	42.8823	10·0
...	41·055	+48·182	− 3	...	...
...	40·782	+27·115	− 5	...	...
...	40·748	+51·059	− 5	...	...
...	−40·698	+41·980	1·00	42.8824	10·4
...	40·366	−32·608	− 5	...	...
...	40·070	−33 184	− 1	...	...
S	39·874	−40·421	2·00	43.9001	8·2
†	39·749	−32·462	− 1	...	..
91					
†	−39·646	−44 939	2·40	43.9002	8·4
...	39·433	+41·306	− 5	..	...
...	39·340	+40·548	− 4	.	...
...	39·242	−34·927	1·00	...	...
...	39·197	+17·931	− 5	M	...
*	−39·128	+36·660	1·05	42.8825	10·0
...	38·850	−59·704	0·90	44.9571	10·1
...	38·783	−49·379	− 4	...	...
...	38·405	+40·672	− 5	...	...
..	38·214	+50·582	− 5	...	...
101					
*	−38·030	−27·445	1·25	43.9003	9·8
...	37·944	− 8·646	0·85	...	...
..	37·843	+30·952	0·95	42.8826	10·4
...	37·437	−39·835	− 5	M	...
...	37·338	−56·830	− 3	...	...
...	−36·896	−35·859	− 5	M	...
...	36·629	−36·214	− 5	M	...
...	36·175	−10·450	− 5	...	...
...	36·161	+18·053	− 5	...	...
..	36·045	+ 3·627	0·65	...	...
111					
...	−35·948	−33·736	0·70	...	...
.	35·757	+ 8·938	− 5	..	...
...	35·547	+ 9·598	0·80	..	...
...	35·523	−27·945	− 5	...	...
+	35·400	+40·711	1·60	42.8828	9·0
‡	−35·039	− 0·664	1·40	43.9004	10·0
...	34·839	+25·016	− 4	..	...
..	34·830	− 7·423	5	...	...
†	34·702	−12·563	− 5	M	...
..	33·839	+41·254	− 4	..	..

LN measured from 1, 137, 268, 424.
NM " " 93, 213, 341, 475.

n Suspected double. 43″·119, 44″·117, two stars.

121-180

Notes.	Co-ordinates x.	y.	Diam. z.	C.P.D. No.	Mag.
121					
...	−33·374	+48·375	− 5	.	...
...	32·901	+25·899	0·85	42.8829	10·6
...	32·879	+50·438	− 5	..	..
...	32·305	+43·597	− 4	.	...
...	31·777	+ 3·281	− 5	..	...
*	−31·353	+ 7·413	1·00	42.8830	10·4
...	31·342	+52·483	− 5	..	...
*	31·111	+58·297	1·70	42.8834	9·8
...	31·098	+27·357	0·80	42.8831	10·6
..	31·064	+37·594	− 5	...	...
131					
...	−30·907	+41·631	− 4	...	...
...	30·828	+45·792	− 4	..	...
*	30·713	+21·185	1·50	42.8833	10·0
...	30·699	+45·062	− 4	...	...
...	30·122	+19·590	− 5	M	...
...	−29·965	+ 8·249	0·90	..	...
...	29·481	−17·010	− 5	..	...
S *	29·410	−38·863	4·00	43.9005	6·3
...	29·378	− 9·218	− 2	..	...
...	29·348	+ 8·532	− 5	...	..
141					
...	−28·824	−46·193	− 2	...	...
...	28·762	−28·071	− 4	...	...
...	28·526	+27·895	0·75	...	..
...	28·509	− 1·970	0·65	...	...
...	28·025	+41·455	0·80	...	...
*	−28·014	−38·499	1·25	43.9006	10·1
...	27·711	−21·546	0·65	...	...
*	27·355	− 6·172	1·05	43.9007	10·0
...	27·309	−14·067	− 4	...	...
...	26·525	−12·084	0·85	..	...
151					
...	−26·133	−41·314	1·00	43.9008	10·1
..	25·561	−15·661	− 5	...	...
*	25·559	+46·506	1·20	42.8835	10·3
...	25·197	+ 8·829	− 5	..	...
...	25·192	+21·213	− 5	...	...
†	−24·758	+33·770	− 3	...	...
*	24·461	+45·706	1·25	42.8836	10·3
..	24·390	−39·227	− 5	...	...
...	24·273	+24·990	− 5	...	...
...	23·820	+53·051	0·75	...	...
161					
...	−23·575	+39·495	0·80	..	..
...	23·565	+ 0·916	− 2	...	...
...	23·306	−18·804	− 5	..	...
...	23·148	+17·190	0·75	...	...
...	22·902	+11·888	− 2	.	...
...	−22·759	−22·448	− 5	..	...
...	22·184	−46·761	1·00	...	...
...	22·181	−24·261	− 5	...	...
...	21·458	−22·058	− 5	...	..
...	21·445	+18·299	− 5	..	...
171					
...	−21·208	−52·427	− 5	...	...
...	21·131	+37·351	− 5	...	..
...	21·036	+44·076	− 3	...	...
...	20·975	− 5·182	0·90	...	...
*	20·794	+34·039	1·20	42.8837	10·2
...	−20·660	−45·783	1·00	...	..
...	20·627	+27·087	− 5	...	...
...	20·181	+29·214	− 5	..	...
...	20·151	+52·598	1·05	42.8838	10·3
...	19·919	+42·896	− 1	...	...

181-240

Notes.	Co-ordinates x.	y.	Diam. z.	C.P.D. No.	Mag.
181					
*	−19·619	+53·665	1·20	42.8839	10·4
...	19·522	+11·062	− 1	...	...
...	19·460	−16·002	0·70	..	...
...	19·314	+26·712	0·70	...	...
...	19·267	+30·834	− 1	..	...
*	−18·919	+27·670	2·00	42.8840	8·4
...	18·883	−33·799	0·65	...	..
..	18·865	+ 8·878	− 3	.	...
...	18·664	−58·823	− 4	..	...
...	18·607	− 3·858	− 1	.	...
191					
...	−18·570	− 6·383	0·95	.	...
...	18·502	+52·182	0·65	...	...
..	18·271	−25·257	− 3	...	...
...	18·115	+ 6·184	0·80	...	...
..	17·920	+14·948	− 5	...	...
...	−17·840	−49·728	− 1	...	...
...	17·825	−16·679	1·00	43.9009	10·1
...	17·600	−23·435	− 1	...	...
...	17·336	+18·723	− 5	..	...
...	17·241	+23·628	0·70	...	...
201					
...	−17·138	+ 5·909	− 3	M	...
..	17·046	−30·607	− 3	...	...
...	17·014	+33·760	0·65	...	...
...	16·565	−37·550	− 5	M	...
...	16·191	+ 0·491	0·75	...	...
*	−16·024	−21·217	1·00	43.9010	10·1
...	15·961	+17·134	− 5	M	...
..	15·911	−54·920	− 5	...	...
...	15·486	+24·704	− 3	..	...
...	15·419	−17·434	− 5	..	...
211					
*	−15·042	− 1·680	1·05	...	...
...	14·930	+17·172	0·80	...	...
†	14·796	+30·388	0·80	...	...
...	13·876	+41·559	− 5	...	...
...	13·450	+20·339	0·65	...	...
...	−13·364	−11·208	− 5	M	...
...	13·215	−52·051	0·85	...	...
..	12·614	+ 3·949	− 5	M	...
...	12·584	−10·853	− 5	...	...
...	11·273	+ 8·212	0·65	...	...
221					
...	−11·148	−44·306	− 5	M	...
...	10·985	−45·210	− 5	M	...
...	10·802	−21·990	0·75	...	...
...	10·614	−59·279	− 5	...	...
..	10·610	−12·629	− 5	...	...
...	−10·501	+36·663	0·80	...	...
..	10·409	+43·399	− 5	M	...
...	10·123	−28·615	0·75	...	...
†	9·893	+44·583	0·70	...	...
...	9·680	+22·109	0·75	...	..
231					
...	− 9·582	−30·036	− 5	...	...
...	9·201	−54·796	1·00	43.9011	10·1
*	9·195	−24·223	1·00	43.9012	10·0
..	9·188	+38·847	0·85	...	...
...	8·647	+33·261	− 5	M	...
...	− 8·511	+13·388	− 4	...	...
...	8·313	+42·519	− 4	...	...
*	7·082	+14·929	1·00	42.8841	10·4
..	6·850	−16·824	− 5	...	...
...	6·683	+44·440	0·75	...	...

241-300

Notes.	Co-ordinates x.	y.	Diam. z.	C.P.D. No.	Mag.
241					
...	− 6·538	−16·996	− 5	..	...
...	6·408	−56·772	1·00	...	..
...	5·730	+15·292	0·70	...	...
..	5·335	− 0·129	1·00	...	...
*	5·287	−10·031	1·05	43.9013	10·1
S ‡	− 4·843	−17·802	1·60	43.9014	9·2
*	4·692	−13·143	1·00	43.9015	10·0
*	3·686	−38·923	1·40	43.9016	9·8
...	3·399	+44·454	0·65	.	...
*	3·338	+41·902	1·50	42.8842	9·6
251					
...	− 3·083	+11·300	0·90	M	...
...	3·080	+23·614	− 3	M *m*	...
...	3·062	−25·800	− 5	...	...
...	2·991	+12·513	− 5	*m*	...
..	2·885	+23·753	− 3	...	...
...	− 2·801	−26·176	− 4	...	...
S *	2·488	+21·641	2·90	42.8843	7·4
..	1·921	−37·629	− 4	...	...
...	1·588	+ 2·263	0·70	M	...
...	1·383	−44·716	− 5	...	...
261					
...	− 1·363	+16·805	− 5	...	...
...	1·359	+28·540	0·75	...	...
...	1·318	− 3·522	− 5	M *m*	...
...	1·272	−11·830	− 5	...	...
...	0·134	+40·179	0·85	...	...
...	− 0·027	−20·814	− 5	M *m*	...
*	+ 0·006	− 1·462	2·80	43.9017	8·5
...	0·517	− 4·035	0·85	..	...
...	0·619	+50·425	− 4	...	...
...	0·741	−42·071	− 4	...	...
271					
...	+ 0·989	− 0·166	− 3	*m*	...
...	1·297	+44·363	− 5	...	...
...	1·541	− 5·125	0·85	...	...
...	1·835	+38·191	0·65	...	...
...	2·108	+58·556	− 4	...	...
*	+ 2·125	+30·672	1·90	42.8844	9·0
...	2·781	+11·937	− 5	...	...
..	2·792	−40·726	− 5	.	...
..	2·836	+40·358	− 5	...	...
..	3·232	−20·727	0·90	...	...
281					
...	+ 3·748	−46·103	− 5	...	...
*	4·051	+39·886	1·60	42.8846	9·0
*	4·088	+35·138	1·20	42.8845	9·9
...	4·475	+36·225	− 3	...	...
...	4·787	−53·953	− 3	...	...
*	+ 5·290	−59·358	1·60	44.9584	9·4
...	5·565	+16·629	− 5	...	...
...	5·678	−49·969	− 5	...	...
...	6·017	−32·740	− 4	...	...
...	6·261	+26·132	0·65	...	...
291					
...	+ 6·537	−54·439	− 5	...	...
...	6·545	− 6·462	− 5	...	...
...	6·580	−22·985	− 4	...	...
...	7·292	+11·067	− 4	...	...
...	7·333	+19·566	− 2	...	...
...	+ 7·489	+10·083	− 4	...	...
*	7·875	−44·863	1·20	43.9018	9·8
...	8·065	−56·413	0·65	...	...
...	8·330	+44·799	− 5	...	...
...	8·445	− 7·469	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′	′	2.	No.	Mag.
301–360					
301					
...	+ 8·461	+ 3·928	− 2	..	...
.	8·528	+20·888	− 4	*m*	...
.	8·872	−25·538	0·90	...	...
.	9·199	−24·082	1·00	..	...
...	9·324	+ 6·800	− 2	...	...
*	+ 9·671	+57·895	1·50	42.8847	9·6
...	9·811	+17·377	− 4	...	...
...	9·885	+ 5·740	− 2	...	...
...	9·988	−48·008	− 5	...	...
..	10·347	−11·187	0·65	...	...
311					
..	+10·571	− 3·433	− 2	...	...
.	10·697	−16·142	− 5	..	...
*	10·759	+ 5·841	1·15	42.8848	10·2
...	10·802	−18·404	1·00	43.9019	10·1
...	11·092	+ 9·268	0·80	...	...
..	+11·012	−58·285	1·05	...	...
...	11·128	−54·982	0·90	...	...
...	11·244	+37·049	− 5	...	...
*	12·091	+ 2·919	1·20	43.9020	10·0
...	12·160	+ 0·045	− 5	*m*	...
321					
...	+12·211	− 1·664	− 4	*m*	...
*	12·664	−17·782	1·15	43.9021	9·9
...	12·667	+39·476	0·85	...	...
*	12·819	−35·778	1·00	43.9022	10·1
*	12·931	+34·972	1·60	42.8849	9·4
*	+13·221	−41·414	1·25	43.9023	9·9
...	13·301	+31·039	0·65	...	...
...	13·514	−37·513	0·90	...	...
...	13·653	−48·037	− 5	...	...
...	13·770	−46·816	− 5	...	...
331					
*	+13·879	−50·768	1·10	43.9024	10·1
.	14·031	−21·010	0·75	...	...
...	14·080	+31·943	1·00	42.8850	10·4
...	14·128	+32·464	− 5	*m*	...
...	14·220	−12·938	− 4	...	...
..	+14·301	+59·064	1·10	42.8851	10·4
..	14·349	−12·973	0·65	...	...
...	14·389	−10·991	0·75	...	...
...	14·765	−26·462	− 5	...	...
...	15·023	+26·271	0·80	...	...
341					
...	+15·251	−10·088	− 5	*m*	...
*	15·363	−50·632	1·60	43.9025	9·7
...	15·632	−23·985	− 5	...	...
..	16·011	+10·314	− 5	*m*	...
*	16·368	+11·689	0·95	.	...
...	+16·510	+58·732	− 5	..	..
...	16·529	− 5·815	− 5	*m*	...
...	16·861	+18·783	− 5	...	...
*	16·931	+ 7·836	1·00	...	...
..	16·947	−37·345	− 5	...	..
351					
.	+17·180	−32·863	− 5	...	...
*	17·243	+38·417	1·20	42.8852	9·8
.	17·691	+15·128	− 5	...	...
*	17·784	+ 3·028	1·00	..	...
.	18·125	−56·619	− 5	.	..
	+18·300	+38·179	0·80	...	...
.	18·396	+30·393	0·70	..	...
...	18·907	−18·859	− 5	...	...
...	18·933	+30·439	1·00	..	...
	19·927	− 5·113	0·65	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′	′	2.	No.	Mag.
361–420					
361					
...	+20·312	− 9·097	− 5	...	...
...	20·314	+ 5·921	− 5	*m*	...
...	20·401	+36·769	− 4	...	...
...	20·447	+16·716	− 5	*m*	...
...	20·472	− 3·035	0·90	...	...
...	+20·562	+43·940	− 5	*m*	...
...	20·860	−10·337	− 4	...	...
...	20·899	+ 4·802	− 1	...	...
...	20·903	−32·923	− 4	..	...
...	20·948	+25·517	− 5	...	...
371					
...	+21·130	+25·283	0·85	..	...
...	21·193	+ 2·675	− 4	...	...
...	21·267	−32·873	0·70	...	...
..	21·282	− 2·371	0·85	...	...
...	21·290	+51·748	− 5	...	...
...	+21·474	+40·086	− 5	...	...
S *	22·036	−40·779	1·70	43.9026	9·4
...	22·249	+56·147	− 5	...	...
...	22·257	− 1·353	− 5	...	...
...	22·265	−43·004	0·95	...	...
381					
...	+22·284	+10·485	− 5	...	...
..	22·945	−45·167	− 5	...	...
*	23·056	+18·217	1·80	42.8853	9·6
...	23·152	−41·900	− 1	...	...
*	23·173	−43·746	1·05	43.9027	10·1
†	+23·282	+44·361	0·80	...	...
...	23·623	+37·031	− 4	...	...
...	23·671	+56·700	− 4	...	...
...	23·680	−46·027	0·95	43.9028	10·1
...	23·768	−58·066	− 5	...	...
391					
...	+24·024	−36·640	0·75	..	...
...	24·088	+33·425	0·75	...	...
...	24·422	+38·317	1·00	...	...
...	24·627	+52·095	− 5	.	...
...	24·740	−22·588	0·75	...	...
...	+24·776	−25·120	0·65	...	...
*	24·835	−23·940	1·70	43.9029	9·9
...	24·916	+57·792	1·15	...	...
...	25·306	+35·782	− 1	...	..
...	25·390	−27·065	− 5	...	...
401					
...	+25·552	−35·350	0·80	...	...
...	25·605	+25·294	− 5	...	...
...	25·664	−59·188	− 1	...	...
...	26·090	+39·823	0·70	...	..
...	26·745	+23·833	− 4	..	...
*	+26·887	−17·471	1·10	..	...
...	26·899	+49·906	− 5	*m*	...
...	27·221	−46·500	0·65	...	...
...	27·382	− 0·149	− 5	*m*	...
*	27·777	−16·553	1·00	..	...
411					
...	+27·833	+56·871	1·05	42.8854	10·4
...	28·042	−33·361	− 4	...	...
...	28·142	−44·697	− 5	...	...
...	28·219	+ 7·701	− 5	*m*	..
...	28·237	+23·884	− 4	...	...
...	+28·540	−59·993	− 5	...	...
...	28·611	−50·644	0·80	...	..
...	28·817	−49·657	0·85	...	...
...	28·964	+ 5·328	− 5	*m*	...
*	29·001	+20·272	1·50	42.8855	10·0

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	*y*.	− 2.	No.	Mag.
421–480					
421					
...	+29·617	−55·076	− 4	...	...
...	29·806	−54·297	− 5	...	...
...	30·020	−34·580	− 5	...	...
...	30·505	+35·316	0·65	...	...
...	30·689	−47·288	− 3	...	...
...	+30·704	+ 5·604	− 1	...	...
...	31·047	+56·380	0·80	...	...
...	31·176	+ 8·470	− 5	...	...
...	31·445	−29·901	− 1	...	...
*	31·839	+16·794	1·60	42.8857	9·6
431					
...	+31·853	−51·165	0·70	...	...
...	32·066	+14·079	0·75	...	...
...	32·232	+45·569	− 4	...	...
...	32·302	+ 2·298	− 3	...	...
*	32·347	+15·593	1·15	42.8858	10·0
*	+32·824	+ 4·816	1·00	...	...
*	32·878	+38·864	1·10	42.8859	10·4
...	33·082	−16·310	1·00	...	...
...	33·532	+ 4·796	0·95	...	...
...	33·605	−21·420	− 5	*m*	...
441					
...	+33·677	+16·272	− 5	...	...
...	33·725	+58·958	− 5	...	...
...	34·489	+20·783	0·70	...	...
...	34·858	+ 4·045	− 5	...	...
...	35·621	−23·317	− 4	...	...
...	+35·915	− 4·564	0·90	...	...
...	36·152	−44·572	− 5	...	...
...	36·277	+39·581	− 3	...	...
S *	36·488	+35·787	2·05	42.8860	8·4
...	36·708	+54·124	0·80	...	...
451					
...	+36·926	+43·111	− 3	...	...
...	37·031	+26·462	0·90	...	...
...	37·113	+51·661	− 2	...	...
...	37·375	+34·700	− 5	...	...
*	38·148	+28·646	1·25	42.8861	10·3
...	+38·516	+29·911	− 4	...	...
..	38·775	+13·876	− 5	...	...
...	38·805	+ 2·896	− 5	...	...
...	39·076	−21·933	− 4	...	...
...	39·527	− 1·585	0·90	...	...
461					
...	+39·729	+ 8·985	− 5	...	...
...	39·819	−57·160	− 3	...	...
...	39·828	− 3·746	0·85	...	..
...	40·283	+20·700	− 5	*m*	...
*	40·347	−40·612	1·40	43.9030	9·7
...	+41·310	−37·972	0·75	...	...
S *	41·941	−44·418	1·60	43.9031	9·4
...	41·946	+49·069	0·75	...	...
...	42·757	−59·265	− 5	...	...
..	43·063	+40·904	0·65	...	...
471					
...	+43·314	−32·317	0·80	...	...
...	43·413	+25·383	− 2	...	...
...	43·574	+18·845	0·75	...	...
...	44·329	−55·296	− 1	...	...
*	45·511	−21·118	1·00	...	...
...	+45·561	−33·747	− 1	...	...
...	45·848	−10·003	− 3	...	...
...	45·848	−57·629	− 5	...	..
...	45·869	−17·005	0·70	...	...
...	46·058	+10·126	0·70	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
481–500					
481					
...	+46·075	−26·719	0·90	43·9032	10·1
...	46·137	+46·712	0·75	...	...
...	46·250	+17·756	− 5	...	...
...	46·855	+33·646	0·70	...	...
..	47·136	+59·037	− 5	..	...
...	+47·147	+ 2·698	0·75	..	...
...	47·147	+26·024	− 4	.	...
...	47·214	−23·454	− 5	.	...
...	47·305	−11·376	0·90	..	..
...	47·461	−12·760	− 5	...	
491					
...	+47·651	−59·973	− 5	*m*	...
...	47·688	+49·904	− 5	...	...
.	47·905	+40·207	0·80	...	...
...	48·000	+ 2·931	− 1	...	...
...	48·118	+48·749	− 5	...	...
...	+48·306	−28·159	− 5	...	...
...	48·861	−51·581	− 4	...	...
...	49·001	+40·506	− 5	...	...
...	49·366	−24·485	− 4	...	...
*	49·701	−46·972	1·25	43·9033	9·9
501–520					
501					
...	+49·731	−25·739	0·90	..	...
...	49·804	+22·529	− 5	...	...
...	50·144	+ 7·910	− 5	..	...
...	50·152	−10·980	− 5	...	...
...	50·317	+56·634	1·00	42.8862	10·0
...	+50·897	+21·745	− 4	...	...
...	51·363	+ 6·354	− 5	.	.
.	51·696	−28·142	− 5	.	...
..	51·764	+ 0·008	− 5	...	...
...	51·965	−40·943	− 5	.	...
511					
*	+51·997	+21·368	1·00	...	...
...	52·080	−19·411	0·80	...	...
...	52·256	−14·557	− 5	...	...
...	52·419	+17·739	− 5	...	...
...	52·455	+36·248	− 4	...	...
...	+52·513	−42·730	− 5	...	...
...	52·778	+56·908	0·80	...	...
S *	53·366	+30·487	2·70	42.8863	8·0
*	53·786	−47·332	1·70	43.9034	9·6
...	55·114	−31·301	− 1	...	...
521–533					
521					
S *	+55·776	− 2·355	1·80	43·9035	9·2
...	55·809	+ 2·908	− 5	..	...
...	56·038	−15·096	− 5	...	...
...	56·046	−60·085	− 5	...	...
*	56·488	+46·443	1·70	42.8865	9·0
...	+56·878	+23·399	0·90	.	...
.	56·961	+31·774	− 5	.	...
...	57·974	+41·012	− 5	.	...
...	58·370	−11·722	− 5	.	..
...	58·689	+ 2·382	1·00	...	...
531					
...	+58·819	−47·167	1·10	43.9036	10·1
‡	59·709	−10·554	1·80	43.9037	9·6
...	59·731	+ 1·874	− 1	...	...

1–30					
1					
...	−59·477	+21·610	− 5	...	...
...	59·402	− 9·399	− 5	...	...
...	59·320	−51·755	− 4	...	...
...	59·228	−25·896	0·65	...	...
...	58·644	+56·810	− 5	...	...
*	−58·623	−47·112	1·20	43.9033	9·9
...	58·602	+33·377	− 5	...	...
...	58·539	+ 6·275	− 5	E	...
...	58·371	+21·265	1·00	...	...
...	58·359	+36·142	− 5	..	...
11					
...	−57·827	+17·689	− 5	...	...
S *	57·281	+30·432	2·90	42.8863	8·0
	57·065	−19·488	0·65	..	...
...	57·039	−14·619	− 5	...	...
...	56·552	−41·007	− 5	...	...
...	−55·912	−42·766	− 5	...	...
*	54·625	+46·476	1·80	42.8865	9·0
*	54·535	−47·345	1·50	43.9034	9·6
S *	53·889	− 2·327	1·80	43.9035	9·2
...	53·701	−31·294	0·65	...	
21					
...	−53·559	+23·448	− 1	.	...
...	53·241	−15·057	− 5	. .	.
.	52·989	+41·091	− 5	...	..
...	52·620	−49·868	− 5	...	...
...	51·878	−60·035	− 5	.	...
*	−51·104	+ 2·485	1·00	...	...
...	51·042	−11·623	− 4	.	
...	50·051	+ 2·019	− 1	..	...
‡	49·702	−10·409	1·40	43.9037	9·6
...	49·637	+ 5·883	1·00	...	...
31–60					
31					
...	−49·520	−47·036	0·95	43.9036	10·1
...	48·547	+43·432	− 5	...	...
..	48·345	+40·248	− 3	...	...
*	47·791	−14·272	1·40	43.9038	9·9
...	47·717	−17·580	− 3	...	...
*	−47·218	+15·791	1·00	...	...
...	46·975	+32·877	0·80	...	...
..	46·812	+31·008	− 5	...	...
...	46·541	−47·594	0·95	43.9039	10·0
...	46·497	−38·919	− 5	...	...
41					
..	−46·238	+48·685	0·80	42.8866	10·4
..	45·888	−32·401	− 5	...	...
...	45·678	+33·329	1·00	42.8867	10·4
...	45·521	+ 8·199	− 5	...	...
..	45·444	+ 4·185	− 5	...	...
	−45·221	−29·302	− 5	...	..
...	44·085	+56·167	0·85	42.8869	10·2
*	44·085	−12·175	1·00	43.9040	10·1
..	43·092	−17·016	− 1	...	...
*	42·624	+21·876	2·20	42.8870	8·6
51					
..	−42·560	+36·864	0·65	...	...
..	42·331	−29·981	− 1	...	...
*	41·913	+58·136	3·90	42.8871	7·7
..	41·846	+30·764	0·80	...	...
†	41·311	−30·469	0·65		...
...	−41·110	−31·949	0·80		
...	40·742	+24·805	0·85		...
..	40·135	−28·159	− 3	.	
...	40·091	−34·549	− 3		..
...	40·057	+26·253	− 5	...	..
61–90					
61					
...	−39·671	+ 4·872	0·80	..	..
...	39·567	−59·622	− 5	...	
...	39·133	−41·571	0·70	...	
...	39·092	+27·275	1·00	...	...
...	38·637	−28·737	− 5	..	.
...	−38·633	−17·148	0·80	...	...
...	38·154	+54·089	1·10	42.8873	10·3
...	38·097	+24·661	− 5	...	...
...	37·930	+ 5·496	1·00	42.8872	10·4
*	37·420	+44·952	1·05	42.8874	10·2
71					
...	−37·418	− 3·121	− 3	..	...
...	37·010	+ 4·741	− 4	...	...
...	36·810	−17·117	0·65	...	...
...	36·395	+27·964	− 4	...	...
‡	36·361	− 0·565	1·00	...	...
...	−36·222	−20·938	0·75	...	...
...	35·798	+51·090	− 4	...	..
†	35·407	−10·609	0·70	...	...
S *	35·182	−16·006	2·70	43.9041	8·4
*	35·089	− 8·426	1·90	43.9042	9·4
81					
...	−34·619	−20·080	− 1	...	...
‡	34·081	+39·251	1·80	42.8875	9·4
...	33·919	−31·325	− 5	...	..
...	33·375	+11·123	0·70	. .	...
...	33·372	−34·815	0·75	...	...
...	−33·337	−49·065	− 4	...	...
...	33·242	−51·661	− 4	...	...
...	33·159	−38·321	− 5	...	...
†	33·132	− 0·558	0·70	.	...
...	33·087	−27·791	0·75	. .	...

NM measured from 1, 226.
ES .. .. 101, 362.

91–150

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
91					
...	−32·860	−31·926	− 4	.	...
†	32·680	−45·445	− 4	..	...
..	32·547	− 6·953	0·80	.	...
..	31·963	−37·851	0·65	..	...
..	31·797	+45·242	0·85	.	.
.	−31·553	+22·957	− 5	...	...
...	31·222	+23·428	− 5	...	...
...	31·183	+ 5·178	0·70	...	..
.	30·721	+48·633	0·70	...	.
.	30·214	−21·508	− 4	..	...
101					
‡	−29·652	−25·499	1·00	43.9043	10·1
†	29·239	−10·569	0·80	..	..
..	29·175	+14·769	− 5	..	..
..	29·002	−53·531	− 5	..	..
*	28·931	−21·670	1·50	43.9044	9·8
...	28·904	+39·080	− 4	...	
..	28·538	− 2·239	0·90	..	..
...	28·357	+ 0·420	− 5	M	..
..	28·309	+23·819	0·90		...
.	27·785	−47·309	0·95	...	..
111					
*	−27·714	−58·473	1·60	44.9620	9·8
...	26·636	−53·322	1·00	...	...
...	26·358	+30·598	1·00	...	...
...	26·162	−19·194	− 4	.	..
.	26·081	+52·462	− 5		...
..	−25·623	+22·629	− 5		
.	25·579	+15·929	0·80	.	...
‡	24·845	+46·625	− 5	...	..
‡	24·796	−15·961	− 3	...	..
.	24·295	+13·166	1·00	...	...
121					
.	−23·623	−53·731	0·70	...	
*	23·366	+ 3·293	1·10	42.8877	10·2
*	23·325	+23·398	1·35	42.8879	10·2
*	23·305	+18·656	1·15	42.8878	10·2
...	23·279	+ 0·378	− 4	...	...
.	−23·167	−43·737	0·70	.	
S *	22·240	−42·521	2·10	43.9045	8·7
...	21·630	+45·223	− 5	M	...
	21·401	−59·994	− 2	...	...
.	20·782	+ 20·215	− 5	...	...
131					
...	−20·484	−33·321	− 5	.	...
	20·466	+ 3·661	− 3	...	...
...	20·428	+ 9·166	− 4	...	...
	20·385	−16·558	− 5		...
	20·124	−10·224	0·90	...	...
.	−20·053	+18·732	− 5	...	...
*	19·985	−18·946	1·10	43.9046	10·0
...	19·943	−11·024	− 4	...	...
‡	19·725	−38·115	0·65	..	
...	19·714	+16·347	− 1		.
141					
..	−19·680	−23·029	− 5	...	...
.	18·691	+ 31·[illegible]	0·70	...	..
*	18·225	−26·147	1·10	43.9047	10·1
.	18·133	+ 33·442	− 4	...	...
...	18·005	+ 32·459	− 5	...	...
...	−17·973	−14·723	− 1	...	.
	17·955	−35·[illegible]	0·95		
.	17·732	−58·692	− 4		.
...	17·[illegible]	+22·565	− 5		
...	17·671	− 1·743	0·80	...	...

151–210

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
151					
...	−17·625	−43·559	− 5	...	...
...	17·439	−31·963	− 3	..	...
...	17·426	+49·412	− 4	...	...
...	17·262	−25·904	− 3	...	...
..	17·120	−36·896	− 1	...	...
..	−17·100	−40·891	− 5	...	...
...	17·039	+15·108	0·80	.	...
..	16·820	−32·966	0·65	...	...
...	16·775	+36·107	− 1	...	...
*	16·339	+18·117	1·90	42.8880	8·8
161					
...	−16·256	+23·388	0·90	...	...
..	16·163	+40·608	− 4	...	...
...	16·162	− 8·769	0·95	...	...
...	15·784	+ 5·286	− 5	M	...
...	15·770	− 6·646	0·85	...	...
..	−15·584	+24·115	− 5	..	...
..	15·441	+11·661	0·70	...	...
..	15·430	+30·300	− 4	M	...
..	15·224	+32·967	− 4	...	...
..	14·595	+10·882	0·85	..	...
171					
S *	−14·257	+58·434	2·20	42.8881	8·6
...	13·898	+ 5·791	− 4	...	...
...	13·842	−48·719	− 4	...	...
...	13·796	+ 7·631	0·75	...	...
...	13·526	−47·642	− 4	.	...
..	−13·139	−22·222	− 5	...	...
..	12·732	+40·390	− 5	M	...
...	12·633	+21·437	− 5	...	...
‡	12·426	−35·395	1·40	43.9048	9·6
...	12·358	−48·466	− 2	...	...
181					
...	−11·505	+ 1·317	− 4	.	...
*	11·370	−56·406	1·80	43.9049	9·4
...	10·996	−26·432	0·75	...	...
...	10·973	+18·251	− 3	.	...
...	10·849	+17·011	− 2	..	...
...	−10·704	−42·833	− 4	...	...
*	9·696	+16·520	1·90	42.8882	8·8
...	9·494	+ 5·200	− 5	M	...
.	8·700	−49·572	− 5	...	...
...	8·669	−55·086	− 5	...	...
191					
...	− 8·621	+13·685	− 5	..	...
.	8·599	+28·797	1·00	..	...
...	8·583	+45·771	− 4	...	...
.	8·393	+25·566	1·00	...	...
...	7·750	−13·848	− 2	...	...
...	− 7·494	+18·298	0·70	...	...
...	7·449	−44·285	− 2	..	..
..	7·146	− 5·462	0·75	..	...
	7·059	−44·649	− 4	...	...
...	6·777	+ 0·287	− 2	a	...
201					
*	− 6·747	−22·231	1·60	43.9050	9·4
†	6·558	+19·417	0·65	..	...
	6·227	−25·218	0·80	.	...
	5·693	−10·403	0·95	..	...
...	4·498	+38·687	− 1	...	..
.	− 3·592	−39·452	− 3	...	...
	3·328	+31·917	− 3	.	...
...	3·054	−22·761	− 5	...	...
.	2·894	−23·093	− 3	...	...
*	2·362	+ 6·847	1·30	42.8883	9·8

211–270

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
211					
S *	− 2·358	+11·378	1·60	42.8884	9·2
...	2·027	+19·836	− 3	...	...
...	1·946	−52·712	− 5	...	...
...	1·881	+36·195	1·00	42.8885	10·4
...	1·739	−58·036	1·05	44.9626	10·1
...	− 1·692	−37·234	− 5	M	...
...	1·418	+29·478	− 1	..	...
...	1·249	−25·774	0·85	...	...
*	0·959	−23·377	1·00	43.9051	10·1
...	0·809	−11·495	− 5	...	...
221					
...	− 0·666	+38·677	− 1	...	...
...	0·526	+ 3·441	− 5	M *m*	...
...	0·411	+35·625	− 5	M	...
...	0·321	+36·278	− 3	...	...
...	− 0·295	−48·002	0·65	...	...
...	+ 0·173	+37·969	0·80	...	...
†	0·276	+14·481	0·85	42.8886	10·4
...	0·442	−17·016	− 5	M	...
...	0·585	+55·117	− 5	...	...
...	0·932	+58·596	− 5	...	...
231					
...	+ 1·258	+36·046	0·80	42.8887	10·4
...	1·896	+46·769	0·85	...	...
...	1·971	−13·062	− 5	M	...
..	2·036	−41·081	− 5	..	...
...	2·534	−51·165	− 5	..	..
...	+ 2·578	+35·922	− 5	...	..
*	2·867	+42·644	1·00	..	...
...	3·238	+55·391	− 5	...	...
...	3·844	− 2·742	− 5	M	...
..	4·096	− 3·399	0·85	...	...
241					
...	+ 4·472	+13·530	− 5	M	...
..	4·546	+21·320	− 5	M	...
...	4·628	−44·728	− 1	...	..
...	4·750	− 5·903	− 5	M *m*	...
...	4·867	−14·826	− 5	M *m*	...
...	+ 4·877	+45·606	− 5	...	...
...	5·279	−35·508	0·70	...	...
...	5·570	−34·266	− 5	M *m*	...
...	6·392	−57·832	0·65	...	...
...	6·668	+42·722	− 5	...	...
251					
*	+ 6·975	− 0·860	1·70	43.9052	9·8
...	7·178	−32·783	0·70	...	...
...	7·714	−28·209	0·80	...	...
...	7·756	−21·182	− 5	..	...
...	7·919	−30·771	− 4	..	...
†	+ 7·937	− 0·477	0·65	...	...
...	7·940	−39·602	− 5	...	...
S *	7·966	−18·558	1·80	43.9053	9·4
†	8·158	−35·357	0·80	...	...
S *	8·701	+46·431	1·70	42.8889	9·2
261					
...	+ 8·773	−55·879	0·65	..	...
...	8·824	−34·994	− 5	...	...
...	8·971	−55·938	0·85	...	...
...	9·056	+33·673	0·70	...	...
...	9·248	+ 6·571	− 5	...	...
...	+ 9·257	−59·755	0·75	...	...
*	9·329	+ 12·081	1·00	42.8890	10·3
...	9·629	+13·277	0·70	...	...
...	9·779	+57·289	− 5	.	...
..	10·005	−33·260	0·65	...	...

Notes.	Co ordinates.		Diam.	C.P.D.	
	′	″	−2	No.	Mag.
271-330					
271					
..	+10·889	+ 8·268	0·75	...	...
...	11·094	+42·934	− 3	...	...
...	11·183	−58·615	− 5	.	...
...	11·360	+13·823	0·95	...	...
...	11·571	− 2·074	0·95	...	...
...	+12·071	+ 4·705	− 5	*m*	...
...	12·139	−11·693	− 4	...	...
...	12·422	+17·832	− 5	*m*	...
*	12·448	−29·942	1·70	43·9054	10·0
...	12·555	−21·780	− 5	...	...
281					
...	+12·572	−24·347	− 5	*m*	...
...	13·208	− 3·552	− 5	...	...
...	13·248	− 5·011	− 5	*m*	...
...	13·445	− 3·968	0·70	...	...
...	13·900	+ 9·762	− 5	*m*	...
...	+14·091	−12·951	0·80	...	...
*	14·191	−29·558	1·00	43·9056	10·1
...	14·194	+11·660	− 5	...	...
*	14·232	− 1·006	1·80	43·9055	9·4
...	14·241	−48·563	0·75	...	...
291					
...	+14·656	−13·576	− 5	...	...
*	15·523	+32·378	1·70	42.8892	9·9
...	15·648	− 3·850	− 5	*m*	...
...	15·702	−53·783	0·75	...	...
...	15·863	− 9·532	0·75	...	...
...	+16·045	+ 9·619	0·80	...	...
...	16·298	−46·419	− 5	...	...
..	16·304	+13·705	− 5	...	...
...	16·404	−39·488	− 5	...	...
...	16·702	−38·277	− 5	...	...
301					
*	+16·720	+ 9·828	1·60	42.8893	9·8
...	16·923	−56·009	0·80	...	...
...	17·034	+ 5·255	0·75	...	...
...	17·202	+37·262	− 5	...	...
...	17·297	+40·776	1·00	42.8894	10·4
*	+17·589	−22·376	1·00	...	...
...	17·702	+ 9·913	− 5	*m*	...
...	18·082	−14·540	− 5	*m*	...
...	18·622	+10·111	− 5	...	...
...	18·720	+35·818	0·85	...	...
311					
...	+19·151	+13·249	− 4	...	...
†	19·246	−25·376	0·85	...	...
S *	19·259	−40·627	2·30	43·9057	9·0
...	19·384	+13·410	− 5	...	...
...	19·459	−40·812	0 65	...	...
..	+19·462	+ 5·486	− 4	...	...
...	19·824	−52·036	− 5	...	...
*	20·208	− 2·953	0·95	...	...
...	20·313	−53·386	− 4	...	...
...	20·434	+21·423	− 5	...	...
321					
...	+20·468	+ 8·778	0·65	*a*	...
...	21·151	+41·859	− 5	...	...
*	21·889	−50·063	1·00	...	...
...	22·035	−57·854	− 5	*m*	...
...	22·083	−24·978	− 5	*m*	...
...	+22·245	−40·858	− 5	*m*	...
...	22·625	−48·114	− 5	...	...
...	22·674	−31·989	0·80	...	...
...	22·759	+54·994	− 4	...	...
...	22·981	−32·146	0·85	..	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′	″	−2	No.	Mag.
331-390					
331					
...	+23·820	− 6·948	− 5	...	
...	23·841	+ 0·531	0·80	...	...
*	24·095	+11·324	1·20	42.8895	9·8
*	24·526	−35·972	1·40	43.9058	9·8
...	24·590	+ 6·753	0·70	...	...
...	+24·651	+ 4·881	− 5	*m*	...
...	24·694	−31·346	− 2	...	...
...	24·897	− 4·683	− 5	...	...
*	25·063	+54·276	1·10	..	...
*	25·555	−22·905	1·00	...	
341					
...	+25·584	+13·956	0·85	...	...
...	25·797	−32·655	0·70	...	...
...	26·022	−38·815	− 5	...	...
...	26·584	+ 8·938	− 5	...	...
...	26·670	−25·933	− 5	...	...
...	+27·086	+ 5·728	0·65	...	...
...	27·238	+19·267	0·90	...	...
†	27·435	+ 9·444	− 3	...	...
...	27·491	−47·344	− 5	...	...
...	27·551	− 1·244	0·75	...	...
351					
...	+27·572	+57·745	− 5	...	...
...	27·851	−39·059	− 5	...	...
...	27·903	−56·576	0·65	...	...
...	28·472	−37·021	− 2	...	...
...	28·521	−59·082	− 5	...	...
...	+28·792	−24·713	− 4	...	...
...	28·906	−45·711	− 5	*m*	...
...	28·998	+37·444	0·85	...	...
*	29·158	−29·475	1·70	43.9059	9·7
...	29·658	+ 1·868	− 4	...	...
361					
...	+29·703	+25 250	0·80	...	...
...	30·353	+13·247	− 5	...	...
‡	30·448	+14·534	1·15	42.8897	10·2
...	30·605	+35·861	0·65	...	...
*	30·740	+20·552	1·40	42.8898	9·8
...	+31·001	+ 1·197	− 4	...	...
...	31·312	− 6·000	− 5	...	...
*	32·251	−31·618	1·20	43.9060	10·0
...	32·635	−27·132	− 4	...	...
...	32·641	−52·491	− 1	...	...
371					
...	+33·078	+ 6·188	− 5	...	...
...	33·092	+25·611	− 5	*m*	...
*	33·153	−25·601	1·90	43.9061	9·0
...	33·400	+30·956	− 5	...	...
...	33·448	+49·213	1·00	42.8899	10·4
*	+33·642	− 9·445	1·60	43.9062	9·5
...	33·702	−21·772	− 5	...	...
...	33·801	+ 5·241	− 3	..	...
...	33·824	−33·400	0·70	...	...
...	34·258	+25·512	0·95	...	...
381					
...	+34·327	−45·238	− 5	...	...
...	34·589	−35 925	− 3	...	..
...	35·267	+26·553	− 3	...	...
...	35·285	−21·833	0·95	...	...
...	35·383	−14·057	0·65	...	...
...	+35·618	+ 5·519	1·00	...	...
†	35·699	+59·337	− 5	...	...
...	36·360	−47·396	− 5	...	...
...	36·568	+37·303	− 5	..	...
...	36·826	+57·028	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	′	″	−2.	No.	Mag.
391-450					
391					
...	+37·131	+17·294	− 5	...	...
*	37·288	− 1·127	1·10	43.9063	10·3
*	37·389	−24·551	1·25	43.9064	10·0
...	37·603	+ 4·745	− 3	...	...
...	37·684	+48·812	1·00	42.8900	10·4
...	+37·814	−25·183	− 1	...	...
‡	37·907	+39 497	1·70	42.8901	9·0
...	38·481	−41·438	− 5	...	...
...	40·740	− 4·619	0·80	...	...
...	40·839	−24·412	− 5	...	...
401					
...	+41·178	−23·047	− 3	...	...
...	41·204	+30·886	− 5	...	...
...	41·738	−29·369	− 2	...	...
*	41·841	−32·851	2·10	43.9065	8·8
...	41·951	+23·580	− 5	...	...
*	+41·989	−19·507	1·80	43.9066	9·5
...	42·229	−26·758	− 5	...	...
...	42·248	+ 7·307	0·70	..	...
...	42·273	+17·186	0·95	...	...
...	42·383	+14·198	0·90	..	...
411					
...	+42·432	−47·803	− 3	...	...
...	42·753	+ 1·210	− 4	...	...
...	42·770	−57·996	− 5	...	...
...	43·960	−24·127	0·95	...	...
...	44·006	+35·120	− 4	...	...
...	+44·147	+41·163	− 5	..	...
...	44·284	+17·402	− 5	...	...
...	44·523	−29·556	0·90	...	...
..	44·664	+ 0·497	0·75	...	...
...	44·842	+ 8·726	− 2	...	...
421					
...	+45·625	−51·697	1·00	...	...
...	45·821	−38·165	− 4	...	...
...	45·847	− 5·621	0·95	...	...
...	45·994	+ 2·882	− 3	...	...
S *	46·228	+29·264	1·80	42.8903	9·0
...	+46·750	+18·277	− 3	...	...
...	47·011	−11·338	0·65	...	...
...	47·210	− 8·982	− 5	...	...
...	47·282	−11·951	0·75	...	...
...	47·365	− 6·122	− 5	...	...
431					
...	+47·545	+50·958	− 1	...	...
...	47·750	+19·860	− 3	...	...
..	48·009	+37·441	− 2	...	...
†	48·164	+39·483	− 1	...	...
...	48·629	− 2·406	0·80	...	...
...	+48·647	−30·567	− 5	...	...
...	48·727	−40·083	− 5	...	...
.	49·176	+ 5·835	− 5	..	...
... [	49·655	−33·826	0·70	...	...
..	49·918	−32·277	− 4	...	...
441					
...	+49·987	+20·404	− 1	...	...
...	50·157	−32·365	− 1	...	...
...	51·131	−50·171	0·65	...	...
...	51·381	− 7·291	− 5	...	...
...	51·592	+28·676	− 5	...	...
...	+51·727	+46·091	− 4	...	...
...	52·432	−26·412	0·75	...	...
..	52·700	−29·163	− 5	...	...
...	52·837	+43·691	− 5	...	...
...	52·861	+15·776	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
451-460					
451					
...	+52·947	−50·747	0·95	...	...
	53·085	+46·915	− 1	...	...
...	53·093	+16·836	− 1	..	...
.	53·159	−59·583	1·15	44.9642	10·3
	53·165	+27·467	0·90	...	...
...	+53·536	−47·426	− 5	...	...
.	53·621	−52·918	− 5	...	...
*	53·814	−13·594	1·25	43.9067	10·2
	54·393	+ 5·227	− 4	...	...
...	54·513	+ 2·462	0·95	...	...
461-470					
461					
...	+56·294	−16·968	0·70	...	...
...	56·396	− 5·932	0·65	...	...
...	56·477	−23·786	− 4	.	...
...	56·557	− 3·320	− 4	...	...
*	56·645	+51·384	1·40	42.8905	9·8
†	+56·691	+24·459	− 4	...	...
...	58·063	+13·358	− 3	...	...
	58·394	+30·952	− 5	...	...
	58·664	+17·566	1·60	42.8907	10·0
S *	58·791	−35·692	3·20	43.9068	7·1
471 475					
471					
...	+58·876	+48·685	1·05	42.8906	10·4
.	59·197	−26·423	− 1	...	...
...	59·223	+34·927	− 3	...	...
*	59·348	+20·233	1·15	42.8908	10·2
...	59·853	−45·487	− 5	..	...

1-40					
1					
...	−59·369	+45·958	− 4	...	...
...	59·340	+13·532	− 5	...	..
...	59·071	−33·976	0·65	..	
...	58·987	+28·546	− 4	...	...
...	58·851	−32·423	− 4	...	.
...	−58·588	−32·479	0·65	.	
..	58·175	+43·604	− 5	. .	...
...	58·114	− 7·398	− 4	. .	.
.	58·026	+46·831	− 1	. .	...
...	57·391	+27·407	0·90	...	...
11					
.	−57·345	+15·702	− 5	. .	...
	57·124	+16·776	− 1		
.	57·095	−50·262	0·70	. .	...
.	56·504	−26·468	0·80	. .	...
...	56·157	−29·207	− 5	...	. .
...	−55·867	−49·662	− 1	.	.
*	55·498	−13·617	1·40	43.9067	10·2
. .	55·487	+ 5·211	− 2	...	...
.	55·285	+ 2·457	1·00	...	...
.	55·258	−50·767	0·95	...	...
21					
	−54·800	−59·594	1·10	44.9642	10·3
.	54·794	−47·419	− 4	...	...
	54·728	+24·569	− 5	...	...
	54·624	+51·390	1·80	42.8905	9·8
.	53·839	+41·312	− 5	...	.
	−53·760	+24·494	− 3	...	
	53·163	− 5·879	0·80		
	53·067	− 3·263	− 3		.
..	52·933	−16·914	0·70		.
...	52·859	−60·020	− 5	...	...
31					
	−52·542	−23·716	− 2	...	...
	52·320	+48·773	1·10	42.8906	10·4
	52·248	+31·032	− 2	.	...
	52·066	+13·448	− 1	...	...
*	51·588	+17·670	1·60	42.8907	10·0
	−51·568	+35·052	− 1	...	.
	51·333	− 5·358	− 4	.	...
*	50·976	+20·360	1·25	42.8908	10·2
	50·394	+17·419	− 4	...	...
S *	49·858	−35·553	3·00	43.9068	7·1
41-80					
41					
..	−49·737	−26·265	0·80	...	...
*	49·496	+37·330	1·40	42.8909	10·3
...	49·424	+24·426	0·80	...	...
...	49·236	+ 0·890	0·95	...	...
...	49·074	+45·285	− 5	...	...
...	−48·805	+38·265	1·05	42.8910	10·4
..	48·572	+ 0·752	− 5	M	...
...	48·549	− 3·459	− 4	...	...
...	48·521	−45·323	− 4	...	...
*	48·410	−16·800	1·05	43.9069	10·3
51					
...	−47·817	−38·165	− 3	...	...
...	47·744	−27·092	0·80	...	...
...	47·725	+13·389	0·70	...	...
*	47·509	+ 3·306	1·15	42.8911	10·4
*	47·331	+44·662	1·80	42.8912	9·6
...	−46·623	−22·446	− 3	...	...
...	45·947	−36·616	0·75	...	...
†	45·750	+59·149	− 3	...	...
*	45·052	−52·614	2·60	43.9070	8·6
...	44·524	+ 0·969	0·75	...	...
61					
.	−44·138	− 6·417	0·90	...	...
..	44·105	−11·269	− 5	...	...
...	43·929	−28·881	− 1	.	...
...	43·776	+53·761	− 5	...	...
...	43·670	+48·007	1·15	42.8913	10·4
..	−43·399	−45·220	1·05	43.9071	10·3
	43·395	+11·987	− 5	...	...
*	43·124	−46·578	1·50	43.9072	10·0
..	42·822	+41·900	− 5	...	...
...	42·652	+32·497	1·05	42.8915	10·4
71					
...	−42·358	−33·600	− 4	...	..
..	42·196	+ 3·093	− 5	...	...
...	42·141	+ 9·120	− 4	...	...
*	41·984	−42·446	1·40	43.9073	10·0
.	41·163	−14·810	− 5	M	...
	−41·095	+ 7·958	− 4	M	...
	40·960	−19·710	0·75	...	
	40·881	+ 9·550	− 5	..	
.	40·603	− 32·397	0·95	...	..
...	40·541	+38·724	− 5	...	..
81-120					
81					
...	−40·050	−16·231	− 5	M	...
...	39·851	−38·858	0·80	...	...
S ‡	39·733	+40·361	2·60	42.8916	7·8
†	39·588	−21·339	0·70	...	...
...	39·532	+25·642	0·75	...	...
..	−39·230	+ 4·664	− 1	..	..
...	39·217	+51·799	0·85	...	...
‡	38·889	+ 4·415	1·40	42.8917	9·8
..	38·887	+36·305	1·00	42.8918	10·4
...	38·865	+12·991	− 5		...
91					
...	−38·813	− 5·323	0·65		...
...	38·353	+24·788	− 5	.	...
...	38·281	−12·843	− 5	...	
...	38·204	+37·887	− 2	.	...
...	37·971	−23·296	0·80	...	.
...	−37·563	− 0·891	− 4	M	..
...	37·055	−47·754	− 5		..
...	36·370	+36·509	− 4	...	...
...	36·263	+28·420	− 5	.	...
...	35·925	+26·644	− 5	.	...
101					
...	−35·806	+10·553	− 5		...
...	35·721	+ 3·846	− 4	. .	...
...	35·676	+18·675	− 5	...	...
...	35·241	−26·602	0·80	. .	...
..	34·886	+54·821	− 5	...	...
...	−34·763	+21·977	1·00	42.8919	10·4
...	33·645	+55·932	0·70		.
...	33·588	+52·061	− 1	...	...
...	33·156	+54·377	0·80	. .	...
...	33·123	+55·142	− 5	...	...
111					
..	−32·981	−22·310	0·85	.	..
...	32·930	− 2·206	− 5	M	...
...	32·790	− 2·819	0·90	...	...
*	32·289	−59·211	1·60	44.9646	9·2
...	32·084	+56·857	− 5	...	...
	−31·957	−52·920	− 5	M	..
	31·207	−16·994	− 5	...	. .
.	31·137	−37·025	0·90		...
...	31·017	−49·416	− 1	.	...
...	30·904	+37·695	0·75	..	.

ES measured from 1, 205, 404.
NM . .. 84, 303, 501.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
121-180					
121					
...	−30·615	−13·008	− 5	M	...
..	30·471	−16·248	− 5	...	...
.	30·457	−28·767	− 3	...	...
. .	30·304	+ 4·264	0·70	...	...
...	30·191	+55·017	− 5	..	...
...	−30·129	+31·310	0·90	...	...
...	30·005	−12·977	− 5	...	...
...	29·997	+ 55·321	0·70	...	...
...	29·910	+10·902	0·70	...	...
...	29·751	−22·470	− 5	M	...
131					
...	−29·467	−28·307	0·65	...	...
...	29·416	+ 4·118	− 5	...	...
...	29·387	−16·135	0·65	...	...
...	29·380	+ 3·942	0·80	...	...
N	29·365	+ 3·413	0·95	...	...
...	−29·346	+31·147	− 5	..	..
...	29·314	− 1·940	− 4	...	...
...	29·145	− 2·312	− 5	...	...
...	28·941	+31·431	− 5	...	...
...	28·707	+49·626	− 5	...	...
141					
...	−28·461	− 7·433	− 1	A	...
...	28·065	+27·141	− 1	...	...
...	27·985	+57·773	− 5	...	...
...	27·919	+41·194	0·85	...	...
...	27·865	−24·925	0·70	...	...
...	−27·846	+ 3·338	− 1	...	...
...	27·700	+28·465	− 5	...	...
...	27·679	−52·409	0·75	...	...
...	27·577	−49·379	− 5	M	...
..	27·547	−24·227	− 5	M	..
151					
..	−27·320	−12·420	0·70	...	...
...	27·061	−16·427	0·70	...	...
...	27·029	+29·727	− 5	...	...
...	26·714	+26·727	− 5	...	...
...	26·328	+31·980	0·80	...	..
...	−26·214	+50·872	− 4	...	...
...	26·030	−23·234	0·90	...	...
...	25·981	+ 9·012	0·80	...	...
...	25·954	+17·818	0·80	...	...
...	25·935	−28·676	− 5	M	.
161					
...	−25·518	+55·210	− 1	...	...
...	25·443	+41·121	− 5	...	...
*	25·291	−27·715	1·10	43.9074	10·3
...	25·207	−16·871	− 1	...	...
...	24·882	−46·780	− 5	...	...
†	−24·651	−16·349	0·70	...	...
...	24·341	+36·891	1·00	...	...
..	24·334	+28·059	− 3	...	...
*	24·087	−31·525	1·00	...	...
...	24·083	+40·888	0·90	...	...
171					
...	−23·646	−16·101	− 5	M	...
...	23·489	−15·327	0·75	...	...
*	23·456	+18·198	1·05	...	...
...	23·156	+14·459	− 4	...	...
...	22·756	−25·701	− 5	M	...
...	−22·618	+16·132	− 5	...	...
...	22·535	+32·913	− 5	...	...
...	22·245	−46·679	0·65	...	...
*	22·123	−37·856	1·10	43.9075	10·3
...	22·109	−24·218	− 5	M	...
181-240					
181					
...	−21·962	+ 8·839	0·80	.	
...	21·857	+15·411	− 5	M	
...	21·787	−14·748	1·00	...	.
.	21·765	+13·937	− 5	.	.
.	21·653	+ 5·231	− 5	M	...
...	−21·551	− 9·217	0·80	...	...
..	21·411	− 9·330	0·70	..	...
...	21·298	+ 8·109	− 5	...	...
...	21·059	+ 7·852	− 5	.	...
‡	20·977	−40·496	1·10	43.9076	10·3
191					
...	−20·942	− 7·499	− 5	M	...
...	20·831	+34·816	− 5	...	...
*	20·750	−23·218	1·00	...	...
...	20·746	+11·055	0·85	...	...
...	20·429	+ 7·954	− 3	...	...
...	−20·280	+16·612	− 5	...	...
...	20·249	+46·633	0·65	...	...
†	20·210	+ 4·411	0·80	...	...
...	20·189	−36·645	− 5	...	...
...	20·110	− 3·139	− 5	...	...
201					
...	−19·969	−57·374	− 5	...	...
...	19·899	+ 4·659	0·75	...	...
...	19·840	−12·367	0·85	...	...
*	19·832	−46·191	1·00	43.9077	10·3
†	19·739	+39·680	0·70	...	...
...	−19·604	+ 3·803	− 3	...	...
...	19·563	+46·858	0·75	...	...
...	19·179	−12·061	0·75	...	...
...	19·147	−49·932	− 5	M	..
...	19·016	+32·012	− 5	...	...
211					
...	−18·472	−58·750	1·05	...	. .
...	18·243	−11·849	− 5	M	...
...	17·884	−31·667	− 4	...	...
...	17·405	+21·643	0·70	...	. .
...	17·125	+50·326	− 3	...	..
...	−17·005	−12·534	0·95	...	...
...	16·903	− 4·817	− 5	.	...
...	16·689	+46·227	− 4	...	...
...	16·282	+40·458	− 3	...	...
*	16·192	−18·153	1·25	43.9078	10·0
221					
...	−16·011	−10·211	0·90	...	...
...	15·921	+58·874	0·90	...	...
†	15·813	−50·443	− 1	...	...
*	15·789	−59·382	1·30	44.9655	10·2
...	14·929	− 9·470	0·70	...	...
...	−14·772	−23·657	− 3	...	...
†	14·728	+17·308	0·90	42.8920	10·4
...	14·541	−54·097	− 3	...	...
...	14·306	+25·274	− 3	...	...
S *	13·865	+53·368	3·10	42.8921	7·4
231					
...	−13·458	−14·832	− 2	...	...
*	13·084	− 5·407	1·10	43.9079	10·2
...	13·013	−58·399	1·10	44.9656	10·3
*	12·591	−14·657	1·15	43.9080	10·0
...	12·024	+56·366	− 5	...	...
...	−11·984	−20·404	− 5	...	...
...	11·878	−42·735	− 5	M	...
...	11·728	−53·671	− 1	...	...
...	11·442	+53·463	1·05	...	..
...	11·296	− 8·124	− 1	...	...
241-300					
241					
..	−11·206	−51·747	− 3	...	...
...	11·018	+19·823	1·00	...	...
...	10·940	−18·137	− 1	..	...
...	10·851	+17·653	− 4	...	...
*	10·629	−12·141	1·05	43.9081	10·3
*	−10·149	−29·600	1·60	43.9082	9·5
...	10·119	+32·508	− 4	...	...
...	9·977	+ 0·527	− 5	M	...
...	9·952	−38·549	− 4		...
...	9·617	+21·057	− 5	...	...
251					
...	− 9·527	+43·583	− 5	...	...
*	9·454	+54·631	1·20	42.8922	10·2
...	9·454	+50·839	− 5	...	...
...	9·271	+ 5·859	1·00	...	...
...	9·214	−11·988	0·75	...	...
...	− 8·957	+ 1·866	− 5	M	...
...	8·850	−44·141	− 1	...	...
...	8·759	−32·541	0·75	...	...
...	8·741	+35·630	− 5	M	...
...	8·678	−21·143	− 4	...	...
261					
...	− 8·568	+48·540	− 3	...	...
...	8·456	+51·857	0·75	...	...
...	8·381	+11·761	− 4	. .	...
...	8·173	+ 9·549	− 4	...	...
...	8·169	+ 33·369	0·65	...	...
...	− 7·745	−17·159	0·90	...	...
...	7·614	+22·909	0·75	...	...
...	7·543	−35·564	− 5	M	...
...	7·068	− 14·108	− 1	...	...
...	7·017	−43·944	− 3	...	...
271					
...	− 6·968	−53·280	− 5	...	...
...	6·806	−53·565	− 3	...	...
..	6·683	+ 4·816	1·00	42.8923	10·4
...	6·607	+22·933	− 5	...	...
...	6·246	−11·961	− 5	M	...
S *	− 5·729	−24·317	1·20	43.9083	9·6
*	5·288	+15·598	2·60	42.8924	8·6
‡	5·255	+39·292	2·80	42.8925	8·0
*	5·114	−37·980	1·20	43.9084	10·0
...	4·977	+ 6·050	− 5	M	...
281					
*	− 4·823	−37·938	1·50	43.9085	9·6
...	3·906	−15·984	− 2	...	...
S *	3·816	−42·513	2·00	43.9086	8·3
. .	3·623	− 9·127	0·65	...	...
...	3·419	−36·591	0·85	...	...
...	− 3·341	+36·451	− 3	*m*	...
...	3·099	+38·050	0·65	...	...
S *	2·750	+33·112	1·90	42.8926	8·8
...	2·730	−28·171	− 5	...	...
...	2·525	+52·101	− 4	*m*	...
291					
...	− 2·459	−39·135	0·65	...	...
...	2·348	− 6·616	1·00	...	...
*	2·298	−18·639	1·25	43.9087	9·6
...	1·811	−27·189	− 5	*m*	...
...	1·639	−16·964	− 5	M *m*	...
...	− 1·566	−24·081	− 1	...	...
...	1·423	− 0·155	− 4	...	...
..	1·017	+51·912	1·00	...	...
...	0·979	−52·688	0·75	...	...
...	0·593	−32·617	− 4	*m*	...

135. Outer ring on image of 134.

301-360

Notes.	Co-ordinates. x.	y.	Diam. 1.	C.P.D. No.	Mag.
301					
*	− 0·437	−11·731	1·05	42.8927	10·4
...	+ 0·[illegible]	+38·386	0·75	...	...
...	0·484	+48·644	0·65	...	...
...	0·884	−23·445	− 1	...	...
*	0·898	−10·758	0·95	...	...
...	+ 0·[illegible]12	+55·394	− 2	...	...
...	0·969	+ 7·851	− 5	M *m*	...
...	2·263	+53·189	− 5	*m*	...
*	2·339	+49·719	1·90	42.8928	9·2
...	2·371	+30·999	0·75	...	...
311					
*	+ 2·399	−36·780	1·70	43.9088	9·3
*	2·614	−39·139	1·00	...	...
...	2·753	+26·707	0·70	..	...
...	2·805	+26·043	− 5	M *m*	...
...	2·891	−58·438	− 5	*m*	...
...	+ 2·915	−20·598	0·70	...	...
...	3·526	+38·231	− 5	M *m*	...
...	4·048	+43·758	− 4	*m*	...
...	4·079	−22·421	− 5	M	...
S *	4·268	+ 7·381	1·80	42.8930	9·0
321					
*	+ 4·271	+30·017	1·05	42.8929	10·3
...	4·347	+16·941	0·70	...	...
...	5·120	+26·427	− 5	*m*	...
...	5·433	−43·181	0·80	...	...
†	5·451	−50·343	0·80	...	...
...	+ 5·487	+56·648	0·65	...	...
...	5·749	+24·250	− 1	*d*	...
*	5·973	+34·143	1·00	42.8931	10·3
...	6·018	−26·623	− 5	...	...
...	6·051	+ 8·733	− 5	*m*	...
331					
...	+ 6·327	− 9·152	− 5	...	...
*	6·857	−37·301	1·00	...	...
*	6·912	−48·074	1·80	43.9089	9·2
...	7·254	+32·626	− 4	*m*	...
...	7·894	−16·143	0·85	...	...
‡	+ 8·060	−40·467	1·40	43.9090	10·0
...	8·537	+56·299	− 5	...	...
...	8·643	+11·911	1·00	...	...
...	8·792	+ 5·984	− 5	*m*	...
...	8·902	−26·713	− 5	...	...
341					
...	+ 8·905	+51·680	0·65	*a*	...
...	9·186	+55·404	− 4	*m*	...
...	9·367	+47·488	− 5	*m*	...
*	9·393	−17·051	1·10	...	...
...	10·603	+ 3·391	0·80	..	...
...	+10·621	+37·397	− 1	*a*	...
..	10·785	− 3·130	− 5	*m*	...
...	11·[illegible]38	−46·049	0·65	..	...
...	11·409	−47·553	− 5	*m*	...
*	11·628	−31·101	1·00	43.9091	10·2
351					
*	+11·921	+29·899	1·20	42.8932	10·4
...	12·024	+35·316	− 5	*m*	.
*	12·079	+10·006	1·70	42.8933	9·9
.	12·166	−40·838	− 5	*m*	...
	12·[illegible]37	−41·557	0·80	..	...
	12·[illegible]591	−43·348	1·00	...	...
...	12·856	−12·186	− 5	...	...
	12·[illegible]12	−52·395	0·85	...	.
...	13·[illegible]57	−18·517	− 4	.	...
	13·231	+37·[illegible]	− 3	*m*	.

361-420

Notes.	Co-ordinates. x.	y.	Diam. 1.	C.P.D. No.	Mag.
361					
...	+13·309	+12·447	− 5	*m*	...
...	13·647	+24·007	− 4	*m*	...
...	13·685	− 2·998	1·00	...	...
...	13·686	− 7·826	− 5	*m*	...
...	13·737	+ 4·391	0·75	...	...
*	+14·118	+57·494	1·20	42.8934	10·0
...	14·171	+30·113	0·80	...	...
†	14·535	−50·387	− 5	...	..
...	14·718	−39·578	− 4	...	...
...	14·733	−36·383	0·65	...	...
371					
...	+14·809	−23·003	− 4	...	..
...	15·501	−11·034	0·70	...	...
...	15·941	+ 7·846	− 2	*m*	...
...	16·001	+54·873	− 5	*m*	...
...	16·099	+43·258	− 1	*r*	...
...	+16·159	−25·660	0·80	...	...
...	16·312	+ 7·382	− 1	*h*	...
...	16·357	− 2·955	0·70	...	...
...	16·364	− 3·091	− 5	*m*	...
...	16·791	− 3·852	− 5	*m*	...
381					
...	+16·956	− 3·798	− 1	...	...
...	17·049	−27·798	− 2	...	...
...	17·116	+24·097	− 5	*m*	...
...	17·360	+21·418	− 5	*m*	...
*	17·394	− 3·866	1·05	43.9092	10·0
...	+17·713	− 2·092	− 5	*m*	...
...	17·785	−15·000	0·80	...	...
...	18·116	−40·764	− 5	...	...
...	18·322	−26·454	0·65	...	...
...	18·511	+46·834	− 1	...	...
391					
*	+18·541	−12·271	1·50	43.9093	9·6
*	18·569	+48·289	1·20	42.8935	10·0
...	18·633	− 2·130	− 5	*m*	..
...	18·802	+42·199	0·75	...	...
...	18·843	−25·317	− 5	*m*	...
*	+18·885	−36·251	1·60	43.9094	9·5
...	19·136	+ 0·848	1·00	43.9095	10·3
*	19·148	+16·684	1·05	42.8936	10·3
*	19·281	+36·665	1·20	42.8937	10·2
...	19·734	+27·803	− 5	*m*	...
401					
*	+19·858	−58·825	1·10	...	...
...	20·002	+43·993	− 5	*m*	...
†	20·142	+ 6·103	1·00	42.8938	10·3
..	20·307	+33·863	− 5	*m*	...
...	20·521	+38·490	− 5	*m*	...
...	+20·84[illegible]	+ 7·489	− 4	*m*	...
*	20·907	+58·535	1·50	42.8939	9·6
*	21·323	−54·160	1·50	43.9096	9·8
...	21·445	−19·620	1·00	...	...
†	21·463	−30·426	0·65	..	..
411					
...	+21·659	−38·500	0·70	...	..
...	21·735	−49·342	− 4	...	.
...	21·860	−58·665	− 3	..	...
...	22·320	+ 1·127	0·65	*a*	.
..	22·549	−27·721	− 4	...	..
...	+22·774	+11·445	− 4	*m*	...
...	22·836	+ 0·107	− 5	...	..
*	23·[illegible]22	−21·056	1·15	43.9097	10·2
..	23·438	+25·901	− 5	*m*	...
..	23·454	+48·522	1·00	...	...

421-480

Notes.	Co-ordinates. x.	y.	Diam. 1.	C.P.D. No.	Mag.
421					
...	+23·519	+ 5·110	− 3	*m*	...
*	23·584	−21·469	1·00	43.9098	10·3
...	23·678	+35·929	1·15	...	...
...	23·964	−16·309	1·00	...	...
...	24·198	− 9·925	0·65	...	...
...	+24·809	+49·112	1·05	...	...
...	24·902	−34·331	0·70	...	...
†	25·559	−30·368	− 2	...	...
...	25·781	+25·481	1·00	...	...
...	25·833	−38·461	− 5	*m*	...
431					
...	+25·882	+37·304	− 5	*m*	...
...	26·050	+27·500	− 5	*m*	...
*	26·676	+17·513	1·15	42.8940	10·4
...	26·960	− 0·171	− 4	*a*	...
...	27·037	+24·603	− 1	*a*	...
...	+27·390	+20·556	− 5	*m*	...
...	27·618	−27·261	− 5	...	...
...	27·808	−10·040	0·65	...	...
...	27·888	+52·585	1·00	...	...
...	27·996	+ 0·672	− 5	*m*	...
441					
*	+28·175	−17·304	1·40	43.9099	10·2
...	28·419	+12·292	− 5	*m*	..
...	28·511	− 3·540	0·80	...	...
..	28·617	−12·243	− 5	*m*	...
...	28·709	+28·417	− 5	*m*	...
...	+28·990	−34·740	− 5	*m*	...
...	29·042	+41·187	0·85	...	. .
..	29·380	+ 7·644	0·65	*h*	...
...	29·451	−43·807	− 5	*m*	. .
...	30·265	+38·082	− 2	...	...
451					
*	+30·302	−21·316	1·60	43.9100	9·6
...	30·483	+56·825	1·00	...	...
...	30·568	−53·590	0·75	...	...
...	30·587	−45·927	− 5	...	...
...	30·926	+22·711	− 5	*m*	...
...	+31·255	−54·251	− 4	...	...
..	31·474	−16·237	− 1	...	...
*	31·787	+12·971	1·15	42.8942	10·3
*	32·002	+47·967	1·10	42.8941	10·4
...	32·078	+58·656	− 5	*m*	...
461					
...	+32·112	−28·292	− 1	...	...
...	32·504	+51·316	− 4	...	...
...	32·574	−56·145	− 5	*m*	...
...	33·027	+ 1·760	0·65	*a*	...
...	33·136	+58·015	− 3	*m*	...
*	+33·318	+ 6·225	1·70	42.8943	9·6
...	33·385	−54·876	1·00	...	...
...	33·480	+33·645	− 5	*m*	...
...	33·506	−13·377	1·00	...	...
...	33·559	− 3·361	− 4	...	...
471					
..	+33·848	+39·211	− 5	*m*	...
...	33·931	+39·940	0·85	...	...
.	34·011	+55·047	− 5	*m*	...
...	34·385	+55·939	0·95	...	...
.	34·421	+10·457	− 5	*m*	...
*	+34·706	−54·244	1·25	43.9101	10·2
..	34·748	−10·311	− 5	*m*	...
S *	35·[illegible]01	−33·005	2·00	43.9103	8·8
	35·187	−15·098	1·40	43.9102	9·6
...	35·[illegible]74	−23·691	− 3	...	...

481 530

Notes.	Co-ordinates. x.	y.	Diam. t.	C.P.D. No.	Mag.
481					
...	+35·344	+57·287	0·75	..	...
...	36·228	+15·182	− 5	*m*	...
...	36·247	−49·250	0·90	..	...
...	36·338	− 6·441	− 4	...	...
*	36·921	−60·155	1·80	44.9675	9·5
...	+36·974	−54·815	− 5	*m*	...
...	37·072	+ 2·325	− 1	*b*	...
S *	37·413	+51·942	5·80	42.8944	6·0
...	37·587	−10·805	0·80	...	...
...	37·890	+52·546	0·80	...	...
491					
...	+37·924	+16·877	0·65	...	...
...	38·226	−24·573	− 3	...	...
..	38·626	− 4·489	− 4	...	...
...	39·081	+31·592	− 5	*m*	...
...	39·236	+10·686	− 2	*m*	..
...	+39·237	+55·451	− 4	...	...
...	39·435	−28·628	1·10	43.9104	10·3
...	39·463	+15·339	− 5	*m*	...
...	39·605	−12·736	− 2	...	...
*	39·981	+23·754	1·15	42.8945	10·3
501					
...	+40·133	+49·859	1·05	42.8946	10·0
...	40·303	−14·363	− 5	...	...
...	41·398	−37·901	0·90	...	...
...	41·623	+37·231	− 1	...	...
*	42·040	+45·545	1·05	42.8947	9·9
...	+42·196	+51·799	0·90	42.8948	10·4
...	42·230	−12·224	0·65	...	...
...	42·247	− 6·892	0·80	...	...
...	42·359	−44·007	1·10	...	...
...	42·602	−25·649	− 5	*m*	...
511					
...	+42·870	+ 5·065	− 5	*m*	...
...	42·889	+12·592	− 5	*m*	..
...	42·922	− 6·936	0·80	...	...
...	42·961	−16·924	0·65	...	...
...	43·531	+28·495	0·65	...	...
...	+43·620	− 7·309	− 5	*m*	...
...	43·673	−44·327	− 5	*m*	...
...	43·682	+32·961	0·95	...	...
...	43·746	−27·601	− 5	*m*	...
...	43·798	+ 9·630	0·75	...	...
521					
*	+43·826	−56·212	2·30	43.9105	8·9
...	44·273	−24·214	0·90	...	...
...	44·281	+ 2·106	− 5	*m*	...
*	44·751	+17·860	1·00	42.8949	11·0
†	44·988	−20·341	0·85	..	...
†	+45·114	+21·625	− 4	*m*	...
*	45·272	−13·258	1·10	...	...
...	45·600	−59·340	− 5	*m*	...
S *	45·629	+11·881	1·80	42.8950	9·4
...	45·647	+33·016	− 5	*m*	...

531 580

Notes.	Co-ordinates. x.	y.	Diam. t.	C.P.D. No.	Mag.
531					
...	+46·084	−56·546	− 5	*m*	..
...	46·182	+22·568	− 5	*m*	..
...	46·459	−51·171	− 1	...	...
...	46·552	−52·791	− 1	...	...
...	46·762	+36·016	− 5	*m*	...
...	+46·797	−59·668	− 5	*m*	...
...	46·972	+ 2·553	− 4	*m*	...
...	46·986	− 6·391	1·00	43.9106	10·3
...	47·007	+20·001	0·65	*a*	..
...	47·125	−27·230	0·90	..	...
541					
...	+47·427	+51·117	− 5	*m*	...
*	47·460	−27·933	1·15	43.9107	10·2
†	47·497	+24·538	1·00	...	...
...	47·581	−37·888	− 5	*m*	..
...	47·692	−10·743	− 4	...	...
...	+47·714	−47·600	− 5	*m*	...
...	47·767	+26·606	− 5	*m*	...
*	48·167	−44·315	1·20	43.9108	10·3
...	48·257	+ 2·861	− 5	*m*	...
...	48·263	−15·899	0·90	..	...
551					
...	+48·350	+17·929	0·80	...	...
...	48·358	+54·212	− 5	*m*	...
...	48·629	+ 0·628	− 1	*d*	...
...	48·834	+40·662	− 3	...	...
...	49·111	+55·262	− 5	...	...
...	+49·214	−15·540	− 5	*m*	...
...	49·356	+56·595	− 5	...	...
*	50·225	− 5·609	1·00	43.9109	10·3
...	50·454	−10·899	− 5	...	...
...	50·677	+ 3·368	− 5	*m*	...
561					
...	+50·981	+18·603	− 5	*m*	...
*	51·147	+34·179	1·70	42.8952	9·8
...	51·675	− 7·182	0·80	...	...
...	51·706	− 1·269	− 5	...	...
...	51·844	+18·084	− 4	*e*	...
..	+51·907	+ 1·874	0·80	*e*	...
...	51·912	+31·762	− 5	*m*	...
...	52·072	−23·285	− 1	...	...
*	52·309	−39·751	1·00	...	..
...	52·322	+ 2·749	0·65	*e*	...
571					
S *	+52·577	−15·547	2·00	43.9110	8·9
...	52·779	+48·113	1·10	42.8953	11·0
*	53·214	− 3·378	1·00	43.9111	10·3
...	53·542	+22·352	− 5	*m*	...
.	53·763	−27·815	− 3	...	...
...	+54·141	+44·013	− 5	*m*	...
S *	54·287	−52·938	2·30	43.9112	9·3
*	54·461	−46·928	1·60	43.9113	9·6
...	54·924	−48·668	0·65	...	...
...	54·988	−38·113	− 5	...	...

581 605

Notes.	Co-ordinates. x.	y.	Diam. t.	C.P.D. No.	Mag.
581					
...	+55·160	+38·517	− 5	*m*	...
..	55·424	− 6·990	0·80	...	...
...	56·220	− 8·881	− 4	...	...
...	56·501	− 5·812	− 5	...	...
...	56·536	+23·427	− 5	*e*	...
†	+56·902	+14·533	− 4	*e*	...
...	56·987	− 4·587	0·75	.	..
...	57·248	− 9·537	0·80	.	...
...	57·259	− 4·332	1·00	...	...
...	57·353	−28·723	− 3	...	...
591					
...	+57·410	−26·487	− 1	...	...
...	57·466	−43·363	− 5	...	...
..	57·507	+49·223	0·65	...	...
...	57·775	+24·053	− 5	*m*	...
...	57·777	− 8·144	− 5	...	...
...	+57·904	−43·400	− 5	*e*	...
...	58·195	+19·955	− 4	*e*	...
...	59·251	− 7·210	− 5	*m*	...
*	59·252	+ 3·148	1·10	43.9114	10·3
...	59·395	+49·595	− 1	...	...
601					
...	+59·456	+51·872	− 4	...	...
...	59·626	−27·510	− 5	*m*	...
...	59·648	+50·193	− 4	...	...
...	59·961	+15·418	0·70	...	...
...	59·964	−55·861	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	α.	δ.	0·70.	No.	Mag.
1–60					
1					
‡	−59·552	+34·062	1·90	42·8952	9·8
..	59·325	− 5·742	1·00	43·9109	10·3
.	58·949	−11·031	− 5	...	...
	58·433	+18·003	− 5	E	...
...	58·397	+48·049	1·00	42·8953	11·0
..	−57·980	− 1·364	− 5	..	...
.	57·883	+ 1·781	− 2	E	...
...	57·838	− 7·267	0·75	...	...
..	57·511	+ 2·664	− 5	E	...
...	56·961	−23·349	− 4	...	...
11					
S ‡	−56·677	−15·610	2·00	43·9110	8·9
*	56·420	− 3·430	1·15	43·9111	10·3
...	56·237	−39·805	1·05	..	...
..	55·133	−27·829	− 2	..	...
..	54·103	− 6·969	− 1	..	...
*	−53·873	−46·935	1·70	43·9113	9·6
...	53·865	+23·465	− 5	E	...
S *	53·862	−52·941	1·90	43·9112	9·3
†	53·695	+49·279	0·70	...	...
...	53·589	−38·116	− 5	...	...
21					
...	−53·356	−48·662	0·70	...	..
...	53·256	− 8·836	− 3	...	...
...	53·219	+14·577	− 4	E	...
...	53·066	− 5·759	− 4	...	...
...	52·609	− 4·523	0·65	...	...
...	−52·352	− 4·258	0·90	...	...
...	52·208	− 9·471	0·80	...	...
.	52·114	+20·039	− 5	E	...
...	51·824	+49·716	0·85	...	...
...	51·819	+52·002	− 2	...	...
31					
...	−51·718	− 8·061	− 4	...	...
...	51·587	+50·305	0·65	...	...
...	51·536	−26·390	− 3	...	...
..	51·518	−28·627	− 2	...	...
...	50·974	−43·265	− 1	...	...
*	−50·571	+ 3·276	1·05	43·9114	10·3
...	50·540	−43·276	− 5	E	...
...	50·216	+15·571	0·90	...	...
..	49·014	−14·495	− 4	...	...
*	48·953	+41·096	2·30	42·8956	8·8
41					
...	−48·697	+ 8·701	0·65	A	...
*	48·668	+58·164	2·20	42·8957	9·8
...	48·526	+37·308	0·90	...	...
..	48·485	−28·612	0·95	.	...
...	48·109	−55·691	− 2	...	...
...	−47·960	−10·008	− 4	...	..
...	47·803	−25·662	− 5	.	.
...	46·928	−23·129	− 4	...	..
..	46·836	−32·964	− 4	...	...
...	46·418	−49·919	− 5	M	...
51					
...	−46·273	−46·548	− 4	...	...
...	45·969	+35·645	− 4	M	..
...	45·939	−44·344	0·90	..	...
...	45·781	+36·598	1·00	...	...
..	45·783	+20·291	0·90	..	..
*	−45·359	+13·824	1·50	42·8958	10·8
‡	44·566	−24·836	1·05	43·9115	10·2
..	44·349	− 1·153	0·65	..	..
...	44·290	+ 7·124	1·00		
..	44·243	+43·728	0·65	.	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	α.	δ.	0·70.	No.	Mag.
61–120					
61					
...	−44·072	+19·485	0·75	...	...
...	43·371	− 2·906	− 2	...	...
...	43·220	−11·626	− 5	...	.
...	43·215	+21·410	− 1	...	..
...	43·133	+50·832	− 2	...	...
...	−42·962	−11·083	− 5	...	..
...	42·654	+ 1·001	0·75	B	...
...	42·472	−35·684	0·65	...	...
...	42·116	+23·504	− 5	M	...
...	42·058	−37·716	− 5	M	...
71					
...	−41·657	+16·964	− 5	M	...
...	41·537	−39·276	− 1	...	...
*	41·409	+42·640	1·35	42·8959	10·6
...	41·292	−36·795	− 5	.	...
...	41·091	+45·249	− 2	...	...
...	−41·024	+22·782	− 5	M	...
*	40·662	−23·031	1·15	43·9117	10·0
*	40·534	−55·596	1·70	43·9116	9·8
*	40·411	−33·082	1·80	43·9118	9·4
...	40·338	+13·466	− 5	M	...
81					
...	−39·343	+19·468	0·80	...	...
...	38·811	+23·915	− 5	M	...
...	38·658	−21·967	− 5	...	...
S *	38·402	+ 2·809	2·50	43·9119	8·3
...	38·319	−40·231	− 1	...	...
*	−38·266	− 5·727	1·10	43·9120	10·0
...	38·230	−31·476	0·65	...	...
...	38·077	+ 5·829	− 5	M	...
...	38·062	+21·819	0·70	...	...
...	37·697	−14·832	− 5	...	...
91					
...	−37·482	−56·220	− 1	...	...
...	37·307	+23·539	− 5	M	...
...	37·236	−24·206	− 4	...	...
...	37·191	+55·024	0·90	42·8960	11·0
...	37·188	+17·543	0·90	..	...
...	−36·926	−59·567	− 5	M	...
...	36·205	−53·499	− 4	...	...
*	35·984	−33·691	1·00	43·9121	10·3
...	35·736	+20·893	0·80	...	...
*	35·692	+45·353	1·15	42·8961	10·6
101					
...	−35·495	−20·629	− 5	M	...
*	35·314	−22·390	2·00	43·9122	8·8
N	35·197	+52·879	− 4	42·8962	10·2
...	35·154	+13·721	− 5	M	...
..	35·082	−40·883	− 5	M	...
...	−34·863	−31·427	− 5	M	...
...	34·728	−42·431	− 5	M	...
.	34·426	−46·590	− 4	...	...
*	34·177	+53·773	1·15	42·8963	10·6
...	33·458	−35·245	− 4	A	...
111					
...	−33·232	+18·743	− 2	M	...
...	33·006	−36·113	− 5	A	...
...	32·612	+52·586	− 5	M	.
..	32·283	+43·765	− 5	M	...
...	32·167	+16·320	− 5	M	...
...	−31·928	+11·069	0·95	...	...
*	31·895	−22·061	1·10	43·9123	10·0
...	31·894	−38·476	− 3	A	...
...	31·286	−31·906	0·65	.	...
..	31·127	−33·744	− 5	M	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	α.	δ.	0·70.	No.	Mag.
121–180					
121					
...	−30·892	+46·553	0·80	..	...
...	30·601	−40·007	0·80	...	.
..	30·452	+ 1·570	0·95	...	
*	30·388	−40·172	1·80	43·9124	9·0
S *	30·209	+53·903	2·90	42·8964	8·1
...	−29·865	−51·852	− 4	...	..
.	29·168	− 6·825	− 5	M	. .
...	29·046	−33·037	− 5	M	.
...	29·019	+ 2·770	0·90	...	...
...	28·984	−39·046	1·00	...	...
131					
...	−28·964	− 2·641	0·80		.
...	28·620	−16·592	− 3	...	...
...	28·590	−15·368	− 3	. .	...
...	28·471	+57·745	− 5	...	.
...	28·416	−38·694	− 5	M	...
...	−28·016	−35·812	0·80	...	
†	27·961	+14·449	0·70	...	
...	27·824	+52·168	− 1	...	.
...	27·641	−51·938	− 5	M	...
...	27·251	+22·205	0·65	A	...
141					
...	−27·110	+ 8·867	− 3	M	...
...	27·006	+56·358	− 5	...	...
...	26·915	+27·054	− 5	M	...
...	26·526	−21·678	− 5	M	...
...	25·861	− 0·675	− 3	...	...
...	−25·781	−21·144	− 4	...	...
...	25·611	+51·664	− 2	...	..
...	25·599	−25·187	− 5	M	...
...	25·418	− 9·394	− 5	...	...
...	25·296	−11·044	− 5	M	...
151					
*	−25·231	+19·243	1·70	42·8965	8·8
...	24·981	+22·565	− 5	M	...
...	24·870	+24·171	0·65	A	...
.	24·569	−17·844	− 4	...	...
...	24·514	− 6·850	1·00	...	..
...	−24·172	+ 6·849	− 5	M	...
.	24·062	+ 0·165	− 5	M	...
...	23·943	+ 3·342	0·70	A	...
*	23·870	+24·914	1·10	42·8966	10·8
...	23·830	+57·222	− 5	M	...
161					
...	−23·631	− 6·230	0·75	...	...
*	23·448	−19·080	1·05	...	...
..	23·261	−51·880	− 4	...	...
...	23·055	−40·765	0·65	...	...
*	22·971	−14·827	2·00	43·9125	8·8
...	−22·969	+23·380	− 1	M	..
..	22·868	+13·886	0·80	...	...
...	22·635	− 5·244	− 4	M	..
...	22·278	−17·496	− 5	M	...
...	22·251	+15·104	1·00	...	...
171					
...	−22·200	+10·107	0·95	42·8967	11·0
...	22·003	+47·299	− 5	M	...
*	21·937	−23·411	1·10	43·9126	10·3
...	21·907	− 5·852	− 5	M	...
.	21·763	+ 7·886	− 5	M	...
...	−21·508	−15·164	0·65	...	...
	21·400	+26·433	− 5	M	...
	21·373	−40·657	0·80	...	...
	21·208	+36·709	0·70	A	...
.	21·115	+ 9·315	− 5	M	...

Extracted from A. 185, 389.
NM " " 81, 289, 476

103. Var. L = 7·0 − 12·0.

181 240

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
181					
...	−21·114	−25·263	− 4	.	.
...	20·897	−54·916	− 1	...	...
..	20·759	−29·451	− 4	...	.
...	20·668	+ 3·776	0·80	...	.
...	20·365	+51·853	− 5	M	...
...	−20·019	−30·747	0·70		...
...	19·600	− 9·494	− 4	.	...
..	19·492	+37·358	1·00	...	...
...	19·050	−29·931	− 5	..	...
...	18·578	−42·629	− 1	...	...
191					
*	−18·488	−20·830	1·80	43·9127	9·0
...	17·966	− 0·837	− 5	...	...
...	17·568	− 7·397	0·70	...	...
*	17·092	+36·468	1·40	42·8968	10·0
†	16·891	−50·328	− 5	...	...
...	−16·854	− 0·619	0·85	...	...
...	16·712	− 4·221	− 5	M	...
...	16·470	+39·819	− 5	M	...
S *	16·466	−18·979	3·00	43·9128	7·7
...	16·394	−30·695	0·70	...	...
201					
...	−16·253	−36·196	− 3	...	...
...	16·016	+28·332	− 5	M	...
...	15·794	+32·126	− 5	M	...
*	15·732	−44·415	1·80	43·9129	9·3
...	15·590	− 9·353	− 4	...	...
...	−15·420	−50·503	− 4	...	...
*	15·370	−58·154	1·70	44·9696	9·6
...	15·234	+24·065	0·95	...	...
...	14·898	+ 3·744	− 1	M	...
...	14·853	+14·209	− 4	M	...
211					
*	−14·225	−23·412	1·90	43·9130	8·9
...	14·131	+23·593	0·85	..	...
...	14·130	+15·214	− 1	M	...
...	13·649	+13·821	0·70	.	...
*	13·290	+42·561	1·20	42·8969	10·6
*	−12·818	−22·618	1·80	43·9131	9·0
...	12·713	+ 3·896	− 3	M	...
...	12·639	− 4·164	− 1	...	...
...	12·183	+44·723	− 5	M	...
*	11·836	+29·709	1·10	42·8970	11·0
221					
...	−11·686	− 1·143	0·65	...	...
...	11·431	+25·082	− 4	M	...
†	10·999	+54·297	− 4	M	..
...	10·679	−53·240	0·75	...	...
...	10·664	+52·353	0·70	...	...
*	−10·555	+42·338	2·50	42·8971	8·4
...	10·500	+57·959	0·95	...	...
...	10·466	+38·878	− 5	M	...
...	10·398	−40·483	− 1	...	...
..	10·381	−15·978	− 1	...	...
231					
...	−10·207	+46·498	1·05	...	...
†	9·729	−40·079	− 5	...	...
...	9·383	+ 6·912	1·00	...	...
...	9·350	+22·547	− 1	M	...
...	9·311	+23·644	− 2	M	..
...	− 9·211	− 3·310	− 5	M	...
*	9·204	−24·753	1·90	43·9132	9·0
S *	9·148	+51·269	2·80	42·8973	8·1
*	9·007	+33·379	2·70	42·8972	7·6
...	8·951	−47·006	− 4	...	...

241 300

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
241					
...	− 8·820	+10·895	− 5	M	..
...	8·693	−33·889	− 5		...
..	8·212	+14·259	− 5	M	...
...	7·733	+57·701	0·65	...	...
*	7·459	−30·617	1·30	43·9133	9·6
*	− 7·394	−10·157	1·00	43·9134	10·3
..	6·983	+ 8·758	− 3	M	...
...	6·777	−21·967	− 4	...	..
...	6·638	+13·088	− 5	M	...
...	6·123	−14·111	− 5	M	...
251					
...	− 6·114	−40·694	− 2	...	...
...	6·024	−38·583	− 5	.	...
...	5·677	−21·253	− 5	M	...
...	5·670	+46·033	0·85	..	...
*	5·494	− 7·819	2·10	43·9135	8·5
...	− 5·315	− 5·325	0·95	..	...
...	4·365	+14·523	2·00	42·8974	8·2
...	3·976	−21·463	0·85	...	...
...	3·828	+34·725	1·00	...	...
...	3·638	−11·104	− 4	...	...
261					
...	− 3·409	− 4·575	0·65	...	...
...	3·183	+39·669	− 5	M *m*	...
S *	3·161	+19·057	1·90	42·8975	8·8
...	2·644	+30·885	0·80	*m*	...
...	2·405	+36·770	0·75	M	...
*	− 2·264	− 4·694	1·80	43·9136	9·0
*	2·019	−12·984	1·80	43·9137	9·0
...	1·699	−44·170	− 5	...	...
...	1·242	+14·803	− 3	M *m*	...
...	1·241	+17·978	− 5	M *m*	...
271					
..	− 1·238	−45·168	0·90	...	..
...	1·221	+51·244	− 5	M *m*	...
...	1·155	−49·158	0·95	...	...
...	0·794	− 3·766	− 5	M *m*	...
...	0·698	+56·930	− 3	...	...
...	− 0·554	+ 4·933	− 2	M *m*	...
*	0·316	− 5·383	1·10	43·9138	10·2
...	0·186	+56·073	− 5	M *m*	...
...	− 0·186	−32·422	− 4	*m*	...
...	+ 0·575	+54·160	− 5	M *m*	...
281					
...	+ 0·646	+ 2·504	− 4	M *m*	...
...	0·896	−34·375	− 5	.	...
...	0·990	− 3·422	− 5	*m*	...
...	1·160	− 3·613	0·85	...	...
...	1·171	+46·989	− 5	M *m*	...
...	+ 1·333	+22·785	− 4	M *m*	...
...	1·623	−33·287	− 5	*m*	...
...	1·646	+23·640	− 5	M *m*	...
...	1·796	+37·148	0·70	M	...
...	1·837	+47·094	0·70	...	...
291					
*	+ 2·226	−33·448	1·00	...	...
...	2·604	+52·283	1·00	42·8976	11·0
...	2·816	+25·875	− 5	M *m*	...
...	3·048	−25·833	0·80	...	...
...	3·092	+ 9·951	− 5	M *m*	...
*	+ 3·299	−45·822	1·80	43·9139	9·0
*	3·638	+30·189	1·05	42·8977	10·2
*	3·967	+20·839	1·05	...	...
...	3·969	+27·422	− 5	M *m*	...
...	5·017	+12·143	− 5	M *m*	...

301-360

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
301					
...	+ 5·249	+13·796	− 5	*m*	...
..	5·377	− 3·364	0·80	..	...
...	5·793	−21·671	0·85	...	..
*	5·812	+25·382	1·00	42·8978	11·0
...	5·858	+47·048	1·00	42·8979	11·0
...	+ 5·882	−18·612	− 5	*m*	...
*	5·885	+29·768	1·00	42·8980	11·0
...	6·396	−50·243	0·65	...	...
...	6·496	−35·772	0·65	...	...
...	6·653	+31·939	− 5	*m*	...
311					
..	+ 6·782	−53·809	0·85	.	...
...	7·521	−44·842	− 1	...	...
*	7·715	−44·947	1·15	43·9140	10·0
...	7·916	− 2·864	0·75	...	...
.	8·065	+ 6·739	− 5	*m*	...
...	+ 8·176	−36·534	− 5	...	...
...	8·197	+ 2·222	− 4	*m*	...
..	8·260	+42·383	− 5	*m*	...
...	8·325	− 2·006	− 4	*m*	...
*	8·365	−48·370	1·00	43·9141	10·3
321					
...	+ 8·548	−31·247	0·75	...	...
...	8·953	−28·072	− 5	...	...
...	9·163	−27·937	0·70	...	...
*	9·449	+32·742	1·50	42·8982	10·2
*	9·508	+42·854	1·10	42·8981	11·0
...	+ 9·918	+27·572	− 5	*m*	...
...	10·524	+34·070	0·90	...	...
...	10·775	−55·894	− 5	...	...
...	10·953	+ 2·735	− 4	*m*	...
...	11·099	+30·899	− 4	*m*	...
331					
...	+11·223	−10·177	− 5	*m*	...
...	11·235	+57·852	− 5	*m*	...
...	11·395	− 9·513	− 4	*m*	...
...	11·404	+ 6·473	− 5	*m*	...
...	11·609	−55·897	− 4	...	...
*	+11·648	+56·102	1·30	42·8983	10·2
...	11·684	+13·583	− 1	*m*	...
..	11·704	+37·853	1·00	42·8984	11·0
*	11·745	−50·566	1·20	43·9142	10·0
...	11·904	+23·472	− 5	*m*	...
341					
.	+11·960	+ 4·822	− 5	*m*	...
...	12·035	−32·910	− 4	...	...
...	12·039	+ 0·835	− 1	*m*	...
...	12·116	−47·638	− 4	...	...
...	12·632	−20·163	− 5	...	...
*	+12·718	+27·125	1·00	42·8985	11·0
...	13·001	−38·212	− 5	...	...
*	13·195	− 3·288	1·15	43·9143	9·8
†	13·236	− 5·466	− 3	*a*	...
...	13·286	−28·692	1·00	...	...
351					
*	+13·498	+ 7·567	1·40	42·8986	10·2
.	13·535	+15·525	0·70	...	...
...	13·583	−27·519	1·00	...	...
*	13·584	−33·065	1·20	43·9144	9·6
...	13·671	−24·882	− 5	*m*	...
...	+13·758	+13·079	− 1	*m*	...
...	14·573	− 8·742	− 4	*m*	...
...	14·613	−39·386	0·90	...	...
...	14·620	−39·031	0·65	...	...
...	14·681	−33·798	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
361-420					
361					
.	+14·770	+24·146	− 5	*a*	...
S *	14·7[illegible]	−12·111	2·90	43.9145	7·6
.	15·[illegible]3	−3[illegible]	− 4	...	...
.	15·112	−[illegible]·712	0·65	...	...
.	15·345	+30·995	− 5	*m*	...
.	+15·5[illegible]	−11·26[illegible]	0·80	..	...
...	15·575	−29·165	− 4	...	...
...	15·775	+30·866	0·90	...	...
	16·[illegible]66	+ 8·869	− 5	*m*	...
...	16·219	+3[illegible]·293	1·05	42.8987	10·8
371					
.	+16·256	−27·637	− 4	...	...
...	16·276	+22·453	0·65	*b*	...
...	16·702	− 2·2[illegible]3	0·80	...	...
...	16·710	−23·517	− 5	...	...
...	16·852	+ 6·419	− 5	*m*	...
†	+17·580	+14·462	− 4	*m*	...
†	18·147	+44·495	0·80	...	...
...	18·494	−51·937	− 5	...	...
...	18·648	−21·353	− 4	...	...
...	18·689	−58·070	− 5	...	...
381					
...	+18·791	−51·061	0·65	...	...
...	18·908	−44·896	0·80	...	...
...	18·918	−20·934	0·95	...	...
*	19·011	−47·585	1·00	...	...
...	19·359	−45·620	− 5	...	...
...	+19·464	+ 2·509	− 5	*m*	...
*	19·540	−10·608	1·10	43.9146	10·2
*	19·812	+22·535	1·00	42.8988	11·0
...	20·802	+13·783	− 3	*m*	...
...	20·937	+43·210	− 5	*m*	...
391					
...	+21·475	+ 3·387	− 5	*m*	...
	22·155	−37·097	− 5	...	...
	22·184	−18·426	− 5	*m*	...
	22·502	+17·954	− 5	*m*	...
	22·564	+ 8·445	− 4	*m*	...
.	+22·821	+51·233	− 2	...	...
.	22·982	+46·390	− 3	..	...
	22·988	−30·200	− 3	...	...
*	23·318	+ 3·953	1·20	43.9147	10·2
...	23·328	+11·828	− 4	*m*	...
401					
..	+24·076	− [illegible]·9[illegible]	0·95	...	...
..	24·181	+54·781	− 5	...	...
..	24·183	+41·811	0·65	...	...
...	24·329	+55·500	− 3	...	..
...	24·705	−40·181	− 5	*m*	...
†	+25·131	[illegible]33·418	− 1	..	...
†	25·216	−12·695	1·80	43.9148	8·8
	25·438	+23·050	− 1	...	...
...	25·[illegible]33	+[illegible]·835	− 5	*m*	...
..	25·838	+44·096	0·85	...	..
411					
..	+25·87[illegible]	+49·232	− 3	.	...
	26·479	−38·558	− 4	...	...
.	26·528	+46·697	1·00	42.8989	11·0
	26·634	+[illegible]·349	− 5	..	...
	26·639	−20·285	1·60	43.9149	9·3
...	+27·025	+ [illegible]·23[illegible]	0·90	...	...
...	27·116	[illegible]3·343	0·65	..	...
	27·967	−31·386	− 5	.	..
...	28·244	−25·529	− 4	.	...
S *	28·350	−50·493	2·70	43.9150	8·0
421-480					
421					
..	+28·419	−35·882	0·75	...	...
..	28·441	+20·526	− 2	*m*	...
*	28·850	−36·638	1·15	43.9151	9·8
N	28·942	+28·249	0·80	...	...
...	28·990	+28·752	− 4	*m*	...
*	+29·164	+ 3·223	1·00	43.9152	10·3
...	29·380	+52·958	0·80	...	...
S *	30·550	+17·690	1·70	42.8990	8·8
...	31·116	−16·453	0·75	...	...
...	31·132	−58·311	1·20	44.9719	10·3
431					
...	+31·333	+27·208	− 5	*m*	
..	31·346	+14·982	− 1	*m*	
...	31·357	−20·023	− 4	...	...
...	31·448	+15·074	0·85	...	...
..	31·701	+25·391	− 4	...	...
...	+31·796	−32·391	0·70	...	...
*	31·840	+27·609	1·20	42.8991	10·4
...	32·067	−40·042	− 5	...	...
...	32·716	−55·618	− 3	...	...
...	32·872	−53·563	− 4	...	...
441					
...	+33·186	+47·919	0·65	...	...
...	33·205	−58·646	0·85	.	...
...	33·786	+43·411	0·65	...	...
*	33·925	−22·016	1·70	43.9153	9·5
...	34·067	+ 7·946	− 5	*m*	...
...	+34·172	−45·386	− 5	...	...
...	34·969	+ 8·161	0·70	...	...
...	35·086	−45·745	0·80	...	...
‡	35·097	−15·387	1·50	43.9154	9·6
...	35·348	−53·509	0·95	...	...
451					
*	+35·548	+36·461	1·20	42.8993	10·6
...	35·709	+47·294	− 5	*m*	...
...	35·758	+24·098	1·00	42.8994	11·0
...	35·774	−39·945	− 5	...	...
...	36·087	−33·978	− 5	...	...
...	+36·288	+30·877	0·85	...	...
...	36·535	+51·363	− 5	*m*	...
...	36·620	+12·595	− 1	...	...
...	36·632	+48·268	− 1	...	...
...	36·803	+32·121	0·65	...	...
461					
*	+36·952	+18·733	1·10	42.8995	11·0
...	37·052	+ 4·821	0·65	*b*	...
...	37·064	− 3·579	0·95	...	...
*	37·438	+38·538	1·20	42.8996	10·2
*	37·716	+24·373	1·15	42.8997	11·0
...	+38·218	−10·743	− 5	...	...
†	38·307	+49·481	− 2	...	...
...	38·715	+34·68[illegible]	1·05	42.8998	11·0
..	38·[illegible]59	−44·260	1·05	43.9155	10·3
...	38·771	−11·734	− 5	...	...
471					
...	+38·878	+12·314	− 1	...	...
...	38·946	+24·879	− 3	...	..
...	39·[illegible]99	−11·324	− 5	*m*	...
...	39·750	−12·941	1·00	..	...
...	39·844	−40·856	0·95	...	...
...	+40·141	+25·415	− 5	*m*	...
...	40·223	+ 6·177	− 5	*m*	...
...	41·222	−10·247	− 4	...	...
...	41·315	+ 5·138	− 5	*m*	...
...	41·466	−50·470	− 1	...	...
481-540					
481					
*	+41·484	+27·285	1·60	42.8999	9·4
...	41·528	+28·080	− 5	*m*	...
...	41·943	−14·254	− 5	...	...
*	42·327	+12·134	1·15	42.9000	10·8
...	42·517	−25·151	− 3	...	...
...	+43·500	−41·112	− 5	...	...
...	43·522	+13·508	− 4	*m*	...
...	43·560	−17·022	0·75	...	...
...	43·863	−43·460	− 5	...	...
...	44·207	+11·994	− 5	*m*	...
491					
...	+44·573	−34·692	0·85	...	...
	44·598	−27·111	− 5	...	...
...	44·998	−18·655	0·70	...	..
...	45·023	−23·625	− 1	...	...
.	45·373	+ 3·701	0·65	*b*	...
.	+45·386	−55·133	0·65	...	...
...	45·791	+ 2·871	− 5	*m*	...
. .	45·906	−43·289	− 5	...	...
.	46·014	−26·944	0·90	...	...
...	46·376	−58·519	− 5	...	...
501					
*	+46·482	+25·727	1·15	42.9001	10·6
S *	47·566	−29·933	2·10	43.9156	8·8
†	47·713	+ 9·555	− 5	*m*	...
...	48·377	−10·937	− 1	...	...
...	48·597	−41·035	− 3	...	...
...	+48·606	−10·062	− 5	*m*	...
...	48·730	+25·254	− 5	*m*	...
...	49·126	− 1·386	− 3	...	...
...	49·363	−53·681	− 5	...	...
...	49·465	+14·750	0·80	...	...
511					
...	+49·688	+25·851	0·90	...	...
...	49·793	+33·340	0·80	...	...
*	50·359	− 8·302	1·00	..	...
...	50·476	−35·951	− 5	...	...
S *	50·508	+25·100	2·90	42.9002	7·6
...	+51·604	+17·004	0·80	...	...
...	51·757	+43·216	− 1	...	...
...	52·256	−20·595	− 4	...	...
...	52·307	+15·144	0·90	42.9003	11·0
...	52·332	+38·728	− 1	...	...
521					
...	+52·770	−15·605	0·70	...	...
...	53·120	−35·469	− 3	...	...
...	53·141	−34·051	1·00	...	...
...	53·306	−41·128	0·70	...	...
...	53·343	+31·933	− 5	*e*	...
...	+53·369	− 8·472	− 5	...	...
...	53·491	−41·776	− 5	...	...
*	53·689	+51·466	1·70	42.9004	9·2
...	53·730	−23·374	0·70	...	...
...	53·999	+ 2·274	0·75	...	...
531					
...	+54·128	−16·937	− 5	...	...
...	54·616	−44·564	− 5	...	...
..	55·253	+45·160	0·65	...	...
*	55·317	−32·943	1·00	43.9157	10·3
...	55·468	−55·726	− 3	...	...
...	+55·999	−37·734	− 5	...	...
...	56·137	+ 1·681	− 4	*e*	...
. .	56·690	− 0·962	− 5	*e*	...
...	57·222	−13·535	1·05	43.9158	10·2
...	57·326	+11·226	− 1	...	...

[illegible] of 425.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
		541 546			
541					
...	+58·200	+35·579	− 5	.	..
...	58·335	+ 8·626	− 4	e	.
...	59·081	+ 2·723	− 5	e	...
...	59·114	+51·950	− 5	...	..
*	59·346	−25·766	1·00		.
...	+59·637	+ 4·513	− 3		...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.

	1-40 x.	1-40 y.				41-80 x.	41-80 y.				81-120 x.	81-120 y.			
1						41					81				
...	−59·304	+43·096	0·65	..	...	*	−49·927	+34·126	1·00	42.9006	11·0	...	−43·147	−44·099	− 5	..	...
...	59·137	− 8·430	0·90		...	†	49·768	+15·156	− 5	M	...	...	43·147	+ 1·086	− 3	M	...
..	58·763	−53·841	− 5		...	...	49·749	− 8·053	− 5	M	..	...	43·132	−23·107	− 5	M	...
...	58·635	+16·916	0·85	...	...	...	49·744	−50·748	− 5	...	...	*	43·098	+25·805	1·10	42.9011	10·2
...	58·558	+38·654	− 1		...	†	49·643	−25·614	0·65	...	...	...	42·940	+47·686	1·00	42.9012	11·0
...	−58·196	−36·061	− 5	..	...	*	−49·587	+38·248	1·90	42.9007	8·8	...	−42·900	+19·137	− 3	...	...
...	57·892	+15·085	0·85	42.9003	11·0	...	49·513	+23·096	0·80	...	...	...	42·560	+57·329	− 4	M	...
*	57·604	+51·408	1·70	42.9004	9·2	...	49·131	+12·540	− 5	M	...	...	42·333	+59·000	0·85	42.9014	10·8
...	57·344	+31·870	− 5	E	...	...	48·891	+18·614	0·90	..	...	...	42·327	+51·133	− 5	M	..
...	56·875	−20·661	− 5	...	...	...	48·856	+13·491	0·80	...	...	...	42·209	−53·397	− 5	..	...
11						51						91					
†	−56·502	−15·661	0·65	...	...	...	−48·785	−25·304	− 5	M	...	...	−42·124	+27·238	− 5	M	...
...	56·146	− 8·593	− 5	..	...	..	48·779	− 3·151	− 4	...	...	...	41·959	−49·809	0·65	...	...
...	55·861	+45·170	− 3	...	...	...	48·774	−27·364	− 5	M	...	...	41·124	+ 8·153	0·80	...	...
...	55·811	+ 2·244	0·70	...	...	...	48·766	+36·432	− 5	M	...	...	40·494	+13·611	− 5	M	...
...	55·604	+ 4·785	− 5	M	...	*	48·618	+57·050	1·60	42.9008	9·4	...	39·753	−44·683	0·80	...	...
...	−55·588	−34·076	0·95	...	...	...	−48·609	−47·434	− 5	...	...	...	−39·692	+51·418	− 3	...	...
†	55·566	−35·493	− 4	...	...	N *	48·498	+56·194	2·80	42.9009	7·8	...	39·545	−11·166	− 5	...	...
...	55·309	−23·389	0·65	...	...	*	47·726	+42·305	1·70	42.9010	9·6	...	39·477	−27·159	− 3	...	...
...	55·232	−41·138	0·90	...	...	...	47·102	−27·484	− 5	...	...	...	39·383	+ 8·471	− 5	M	...
...	55·117	−16·953	− 5	...	...	...	47·039	+54·533	− 5	...	...	...	39·257	− 8·767	− 4	...	...
21						61						101					
...	−55·018	−41·795	− 5	...	...	...	−46·154	−39·489	− 5	...	...	...	−39·074	−11·480	0·65	...	...
..	54·813	+ 1·910	− 5	M	...	...	46·093	−47·122	− 1	.	...	...	38·892	−21·443	− 2	..	...
...	53·818	−24·912	− 5	M	..	...	45·940	+41·643	− 5	...	..	...	38·570	−57·476	− 4	...	...
...	53·797	−44·558	− 5	...	...	...	45·749	− 0·212	− 5	M	...	...	38·267	+11·333	− 5	M	...
...	53·665	+ 1·717	− 5	E	..	...	45·410	+29·395	− 5	M	...	...	38·069	+28·380	− 1	...	...
*	−53·442	−32·912	1·00	43.9157	10·3	...	−45·407	+40·370	− 5	M	...	...	−37·351	+38·285	− 1	...	...
...	53·004	− 0·891	− 4	E	...	...	45·355	−38·499	− 4	...	...	..	37·291	−10·372	− 5	M	...
...	52·762	+11·296	0·70	...	...	...	45·322	−31·412	0·70	...	...	...	37·238	−49·215	0·95	...	...
...	52·627	+35·664	− 1	...	...	...	45·265	+ 1·138	− 5	M	...	...	36·812	+55·726	1·20	42.9015	11·0
...	52·613	−37·664	− 5	...	...	...	45·223	+47·301	− 2	M	...	...	36·192	+30·625	− 5	M	...
31						71						111					
...	−52·602	−55·687	− 1	...	...	...	−44·945	+14·944	0·80	...	...	...	−35·663	+46·395	− 3	...	...
...	52·198	+52·040	− 3	...	...	...	44·839	−37·085	− 5	...	...	...	34·944	− 0·062	− 5	β	...
*	52·117	−13·449	1·00	43.9158	10·2	...	44·798	−32·186	− 5	...	...	†	34·669	− 0·012	0·70	α	...
...	51·675	+ 8·710	− 4	E	...	S ‡	44·682	−54·487	1·80	43.9159	8·6	...	34·490	+43·351	1·00	42.9016	11·0
...	51·184	−47·368	− 5	...	...	†	44·654	−26·625	− 1	...	...	...	34·263	+22·033	− 1	...	...
...	−51·139	−35·398	− 5	M	...	‡	−44·610	−55·372	1·50	43.9160	9·5	*	−34·088	−29·200	1·10	43.9162	10·0
*	50·912	+54·000	2·80	42.9005	8·1	...	44·163	−16·400	0·80	...	...	...	33·984	+51·875	− 5	M	...
...	50·752	+ 2·847	− 5	E	...	...	43·920	+15·513	− 5	M	...	...	33·878	+12·613	− 5	M	...
...	50·393	+12·357	− 5	M	...	*	43·356	−33·817	1·10	43.9161	10·2	...	33·771	−22·275	− 5	M	...
...	50·240	+ 4·643	0·65	...	...	†	43·159	+39·293	− 5	M	...	...	33·022	+27·007	− 5	M	...

NM measured from 1, 173, 366.
ES ,, ,, 96, 221, 487.

57. Obscures 3rd image of 55.

121–180

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
121					
	−32·527	−36·[illegible]	1·15	43.9163	9·6
.	32·[illegible]	− 2·[illegible]	− 4	.	...
	32·736	+30·291	− 5	M	..
	32·721	−29·350	0·90	.	
.	32·454	−27·012	0·80	.	...
	−32·176	+13·496	− 5	M	...
...	31·939	+12·269	1·00	42.9017	10·8
.	31·611	−16·663	− 3	...	...
...	31·529	−52·487	− 4	...	...
...	30·849	+15·843	− 5	M	...
131					
	−30·564	−23·551	− 4	...	...
...	30·443	+12·219	− 5	M	...
...	30·014	+20·437	1·00	42.9019	10·8
*	29·973	+ 7·558	1·15	42.9018	10·4
...	29·725	+52·970	− 4	M	...
...	−29·492	+45·700	0·95	...	...
.	29·492	−14·485	0·90	...	...
...	29·035	+55·431	− 4	...	...
...	28·883	−29·901	− 5	M	...
...	28·883	−55·917	0·65	...	...
141					
*	−28·596	+34·769	1·50	42.9020	10·2
...	28·452	+44·109	− 5	M	...
...	28·140	− 8·879	− 4	..	..
..	28·089	+50·851	− 3	...	...
*	28·007	+21·165	1·10	42.9021	10·6
...	−27·721	−29·204	− 5	...	...
...	27·204	+49·687	− 3	...	...
...	27·147	−37·023	0·85	...	...
..	27·078	−43·302	− 5	...	...
...	25·194	−11·488	− 4	...	...
151					
.	−25·015	+20·417	0·75	...	...
.	24·929	−49·289	0·90	...	...
S	24·284	+12·375	1·80	42.9022	9·0
	22·965	+42·329	0·90	...	...
	22·722	− 4·917	0·90	..	...
	−22·649	−30·920	1·00	..	...
	22·641	−20·288	0·90	...	...
.	22·445	+41·838	− 4	M	..
...	22·425	−19·077	− 5	..	...
*	22·150	−38·692	2·00	43.9164	8·8
161					
.	−21·888	+18·558	0·80	...	...
.	21·721	−47·451	− 5	...	...
...	21·602	+55·160	− 4	...	...
..	21·487	−18·420	− 5	...	...
...	21·425	+42·050	− 5	M	...
...	−21·329	−33·143	− 5	...	...
..	21·[illegible]	+ 8·565	− 4	M	..
	21·[illegible]	− 7·972	0·80	..	...
	20·[illegible]	−20·226	0·90	...	...
S	20·527	−51·[illegible]	2·20	42.9023	8·8
171					
...	−20·405	−23·295	0·90	...	...
..	20·[illegible]	+18·142	− 4	M	...
...	19·271	−33·495	− 5	M	...
	18·962	+ 1·615	− 4	M	...
...	18·608	− 6·842	0·80	...	...
..	−17·985	+53·938	0·65	..	...
*	17·866	+13·914	1·20	42.9024	10·0
...	17·748	+15·[illegible]	− 4	M	..
.	17·391	−11·311	− 4	.	...
	17·355	+25·052	− 5	M	.

181–240

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
181					
...	−17·268	+12·320	0·70	B	..
...	17·016	+24·817	− 4	M	...
..	17·015	−57·104	0·75	...	...
...	16·490	+37·158	− 1	M	..
...	16·447	+12·530	0·80	...	...
..	−16·087	− 7·954	0·80	...	...
...	16·003	+21·801	− 2	M	...
...	15·712	−17·853	− 5	M	...
...	15·535	+14·779	0·75	...	...
..	15·468	+21·306	0·80	...	...
191					
...	−15·434	−13·612	− 5	...	..
...	14·978	−58·991	− 1	...	..
...	14·855	−57·315	0·75	...	
...	14·328	+21·742	− 5	M	.
...	14·236	− 8·461	0·75	...	...
...	−14·085	+23·736	− 5	M	...
...	13·929	− 7·752	− 5	M	...
...	13·835	− 8·739	− 1	B	...
...	13·585	−41·146	0·70	...	...
...	13·515	+55·047	− 5	M	...
201					
...	−13·391	+40·947	0·65	A	...
...	13·104	+55·296	− 5	M	...
...	12·813	+18·522	− 3	...	...
...	12·680	+52·070	0·65	...	...
...	12·544	+27·430	− 5	M	...
...	−12·327	−11·593	− 5	M	...
...	12·143	−10·222	0·85	...	...
*	11·929	−53·796	2·90	43.9165	7·8
...	11·922	−48·129	− 5	...	...
...	11·903	+49·131	− 5	M	...
211					
...	−11·188	−37·962	0·95	..	
...	11·078	−47·319	− 5	...	...
...	10·879	−57·418	− 5	...	...
...	10·602	+33·598	0·75	...	...
...	10·451	−30·379	0·65	..	...
..	−10·438	−54·454	− 1	.	...
...	10·313	+33·486	0·80	...	...
†	10·076	−40·464	− 1	...	...
...	10·021	− 7·611	0·95	...	...
...	9·906	−58·586	− 1	...	...
221					
...	− 9·642	−26·069	− 5	M	...
..	9·455	− 4·699	− 5	M	...
S *	9·192	−46·149	2·90	43.9166	7·6
...	9·084	+40·219	− 5	M	...
...	8·886	−10·011	− 4	M	...
.	− 8·718	−51·483	− 3	...	...
..	8·267	−12·139	0·75	...	...
...	8·226	+47·138	− 5	M	..
...	8·137	−46·652	− 3	...	...
	7·963	− 7·873	− 5	M	...
231					
...	− 7·694	−37·329	0·90	.	...
...	7·678	− 9·535	0·65	...	.
...	7·362	+52·97[illegible]	− 5	M	...
*	7·290	−57·421	3·10	44.9739	7·4
*	6·785	−14·564	1·10	43.9167	10·3
	− 6·669	−50·821	0·85	...	
..	6·520	+54·942	0·65	...	...
	6·452	−52·439	0·70	..	
...	5·911	+51·633	− 5	M	
...	5·751	+19·058	− 3	M	

241–300

Notes.	Co-ordinates. x.	y.	Diam. 0·70.	C.P.D. No.	Mag.
241					
*	− 5·687	−29·021	1·20	43.9168	10·2
...	5·653	−31·490	− 3	B	...
*	5·616	+28·444	1·80	42.9025	9·8
...	5·560	+10·831	0·65	B	...
...	5·502	− 1·664	− 5	M	...
...	− 5·404	−48·296	− 5	...	...
.	5·353	−35·047	0·70	...	...
...	5·264	−57·628	− 5	...	...
...	5·246	+14·213	− 5	M	...
*	5·111	−10·019	1·20	43.9169	10·2
251					
†	− 4·693	−39·372	− 5	...	...
...	4·213	+42·596	0·95	...	...
...	4·110	+ 3·400	1·00	43.9170	11·0
...	3·195	− 3·617	0·65	...	...
...	3·166	+52·497	− 5	M *m*	...
..	− 2·856	+26·828	0·70	*m*	...
...	2·146	+ 7·752	0·90	...	...
...	1·850	−53·326	− 2	...	...
...	1·824	−52·336	− 4	...	...
...	1·059	−55·739	0·95	...	...
261					
...	− 1·038	+ 5·643	− 3	M *m*	...
...	1·011	−30·329	− 5	...	...
...	0·928	+ 6·065	− 5	M *m*	...
...	0·846	−30·201	0·80	...	...
S *	− 0·779	−20·164	2·10	43.9171	8·1
...	+ 0·831	+47·716	− 2	M	...
...	1·134	+10·100	− 5	M *m*	...
...	1·188	−53·843	− 3	...	...
...	1·538	+ 3·264	− 2	M *m*	...
...	1·665	+21·088	− 5	M *m*	...
271					
*	+ 1·686	−41·660	1·80	43.9172	8·9
...	1·705	−38·253	− 4	...	...
...	1·926	−30·113	− 3	...	...
...	1·936	+12·466	− 2	M *m*	...
...	2·035	−25·771	− 5	...	...
...	+ 2·334	+39·493	− 1	*m*	...
...	2·525	− 7·939	0·75	...	...
*	2·635	−60·058	1·10	44.9748	10·3
...	2·887	+30·885	0·70	M	...
*	2·922	−54·372	1·20	43.9173	10·0
281					
...	+ 2·980	+14·793	0·65	M *b*	...
...	3·020	−31·446	− 5	M *m*	...
...	3·354	+10·856	− 5	M *m*	...
..	3·566	+ 4·230	− 5	M *m*	...
...	3·702	−30·704	1·00	...	...
...	+ 4·128	+ 9·281	− 5	M *m*	...
...	4·130	+55·181	− 1	M *m*	...
...	4·202	− 2·393	− 5	M *m*	...
...	4·286	−52·324	− 1	...	...
...	4·391	−10·824	− 2	M	...
291					
...	+ 4·639	− 5·947	− 1	...	...
...	4·679	+18·052	− 5	M *m*	...
*	5·357	− 5·925	1·05	43.9174	10·2
*	5·390	+11·151	1·30	42.9026	10·0
S *	5·752	− 4·473	3·20	43.9175	7·3
..	+ 5·762	−20·056	− 5	*m*	...
...	5·983	+42·029	− 5	*m*	...
...	6·081	+23·991	− 5	*m*	...
.	6·645	+19·666	0·75	...	...
.	6·809	−51·323	− 5	...	...

Notes.	Co-ordinates. x.	y.	Diam. 0·70.	C.P.D. No.	Mag.
	301-360				
301					
...	+ 6·832	−55·551	− 2	..	...
...	6·880	−24·209	− 5	...	...
.	7·113	−22·709	− 5	*m*	
.	7·305	+10·024	− 3	*m*	
	7·386	+17·620	− 3	*a*	
	+ 7·534	−16·642	0·90	...	
*	7·991	−16·409	1·50	43·9176	9·6
	8·041	+25·028	− 3	*m*	..
.	8·259	+24·846	− 5	*m*	...
...	8·393	−34·596	1·00	...	
311					
...	+ 8·534	+11·006	− 5	*a*	.
..	9·314	−54·943	− 1	..	
.	9·604	+17·002	− 1	*m*	
...	9·654	+15·104	− 3	*a*	
	9·708	+10·816	− 5	*m*	..
...	+10·032	−19·961	0·75	...	.
†	10·166	+31·978	− 4	*m*	...
	10·435	+17·205	0·65	...	.
..	10·591	−47·275	− 5	.	...
*	10·740	−11·939	1·00	43·9177	10·5
321					
..	+10·821	−26·271	0·85	...	..
	10·890	+38·188	1·00		
..	11·101	−37·694	− 3		
...	11·590	+13·339	− 5	*m*	
.	11·690	+36·903	− 5	*m*	.
	+11·803	−21·707	0·65	...	.
..	11·882	−59·142	− 5	...	
.	12·134	+31·809	0·85	...	.
..	12·393	+ 9·085	− 5	*m*	...
...	12·512	+ 7·389	0·95	..	..
331					
...	+12·991	−37·515	− 2		..
...	13·090	−49·260	1·00		.
	13·428	+58·085	− 1	...	...
.	13·437	+27·450	− 5	*m*	
	13·510	−54·642	− 5	...	.
	+14·032	+49·937	− 5	*m*	..
...	14·134	+15·473	− 4	*m*	...
*	14·187	−59·776	1·70	44·9755	9·6
...	14·189	−15·957	− 3	...	..
...	14·267	+41·889	1·00	...	
341					
...	+14·376	+ 2·745	− 3	*m*	.
...	14·425	+ 1·843	0·95	...	.
*	14·533	−55·027	1·15	...	...
...	14·740	+24·737	0·90	...	..
...	14·833	+39·749	− 5	*m*	...
...	+14·942	+17·352	− 5	*m*	..
..	15·008	−59·911	− 5	...	..
†	15·081	+11·245	0·65	*a*	..
*	15·240	+30·745	1·50	42.9027	9·4
...	15·266	+ 4·702	0·80	...	.
351					
..	+15·735	+23·545	− 4	*m*	...
..	16·045	+53·201	− 5	*m*	
...	16·318	+ 1·250	− 2	*m*	
...	17·522	−48·689	− 4	...	
...	17·553	−30·857	− 5	...	
...	+17·662	+43·214	− 3	*m*	...
SN*	17·769	+57·820	2·10	42.9028	8·6
...	18·226	− 1·658	− 5	*m*	...
..	18·950	−35·783	0·85	...	...
..	19·074	+ 1·543	− 3	*m*	...
	361-420				
361					
.	+19·703	+56·742	− 3	.	...
	19·723	+13·062	− 1	*m*	..
	19·789	+ 6·948	− 5	*m*	..
	19·895	+37·185	1·00	42.9029	11·0
.	19·921	−37·694	0·75	...	.
.	+20·670	− 4·565	− 4	*m*	..
...	20·677	+ 1·797	− 5	*m*	
..	20·786	−45·783	− 5	..	.
...	21·001	−25·718	− 5	*m*	
*	21·232	− 8·861	1·00		.
371					
†	+21·275	−55·355	− 4	..	...
...	21·292	+42·126	1·00	42.9030	11·0
	21·321	−44·798	− 5	.	...
	21·370	+35·406	0·75	...	..
	21·890	+17·358	− 5	*m*	...
*	+22·347	+22·349	1·00		.
	22·364	−10·103	− 4		.
	22·397	−28·919	− 5		
	22·411	−43·723	0·90		..
...	22·493	−14·121	0·70		.
381					
.	+22·599	+48·334	− 1		.
	22·625	− 2·352	− 5	*m*	.
..	22·735	−36·623	− 1	..	
.	22·987	− 1·390	0·70		.
.	23·532	−27·885	0·65		...
.	+23·563	+54·018	− 5	*m*	...
.	23·571	+ 2·052	0·90	...	...
.	23·592	+30·448	1·40	42.9031	9·8
.	23·903	+16·387	− 5	*m*	...
..	23·907	+14·244	− 5	*m*	..
391					
..	+23·996	−18·994	0·70	...	
.	24·012	+58·099	− 5	*m*	..
.	24·101	−14·111	0·70	...	.
...	24·360	+ 5·080	− 5	*m*	.
	24·605	+21·481	0·75	...	..
...	+24·806	+43·601	0·95	42.9032	11·0
	25·886	+34·944	0·70	*a*	...
.	25·959	+ 2·337	0·80	...	.
..	25·967	−47·955	0·90	...	
...	26·230	+ 3·365	0·65	*b*	..
401					
...	+26·303	+15·033	0·70	...	...
...	26·345	+51·790	0·65		...
...	26·387	−26·860	− 5		..
...	26·578	− 3·545	− 2	...	...
S*	27·276	−21·351	1·90	43.9178	9·1
...	+27·651	+ 3·005	− 4	*m*	...
...	27·716	+43·951	0·80	...	...
...	27·792	−13·008	− 5	..	...
...	27·847	−54·667	− 5	...	...
...	28·000	−13·225	− 5	*m*	...
411					
...	+28·141	+ 5·714	− 5	*m*	
..	28·480	−29·048	0·95	...	...
..	28·619	+13·098	0·75	*b*	...
...	28·753	−57·669	− 5	*m*	..
*	28·999	−11·752	1·00	...	...
..	+29·230	+44·656	0·70	..	
	29·248	+50·340	− 1	*a*	.
...	29·327	−46·635	− 5	...	...
*	29·350	−38·761	1·10	43.9179	10·5
...	29·597	−29·706	0·70	...	...
	421 480				
421					
...	+29·802	+23·687	− 5	*m*	...
...	29·821	−28·744	− 1	...	...
	29·867	−39·333	− 3	...	...
†	30·106	−57·056	− 1	...	...
	30·377	+ 6·378	0·65	*m*	...
	+30·408	−35·779	− 5	...	...
	30·421	−18·359	− 5	...	...
	30·554	+25·702	− 5	*m*	...
	30·6..	−13·9..	− 5	*m*	...
..	30·615	−21·511	0·9.	...	.
431					
...	+30·820	−46·764	− 4	..	..
..	30·909	+13·098	− 5	*m*	...
*	31·253	−39·460	1·10	...	...
	31·313	−16·239	− 4	...	...
*	31·372	−16·294	1·00	43.9180	10·5
	+31·403	−17·128	− 3	...	...
..	31·426	+ 5·315	0·65	*m*	...
*	31·715	−45·713	1·15	43.9181	10·5
	31·743	−21·026	− 1	...	..
.	31·837	+ 5·287	− 3	*m*	..
441					
	+31·859	+50·209	− 3	...	..
	31·880	−48·613	− 4	...	.
..	32·533	+11·678	0·70	*d*	...
...	32·692	+ 4·261	0·70	*a*	.
...	32·828	−58·801	− 5	...	...
S*	+33·170	−58·957	3·00	44.9764	7·6
...	33·571	+39·160	− 5	*m*	...
...	33·817	+ 8·161	0·70	...	..
...	34·087	+47·161	− 1	*m*	...
...	34·273	+ 9·682	− 5	*m*	...
451					
..	+34·283	− 6·288	− 5	*m*	...
...	34·690	+15·904	− 5	*m*	.
...	34·702	−50·055	− 5	*m*	...
*	34·899	−52·572	2·00	43.9182	9·2
†	34·982	− 0·415	0·65	...	...
†	+35·108	+29·256	− 5	*m*	..
...	35·162	+38·588	0·75	...	..
..	35·253	+ 7·712	− 5	*m*	...
*	35·323	+56·918	1·20	42.9033	10·6
...	35·343	−21·848	0·70	...	...
461					
...	+35·347	+22·646	0·65	*m*	...
...	35·456	− 8·662	− 5	*m*	...
...	35·488	+26·399	1·00	...	..
	35·793	+14·692	− 5	*m*	...
*	36·040	−53·486	1·10	43.9183	10·5
...	+36·184	+29·729	− 3	*m*	...
..	36·265	+12·921	0·75	.	..
.	36·532	−43·353	− 4	..	..
..	36·643	+48·819	− 1	.	.
...	37·010	− 9·965	− 5		
471					
*	+37·134	− 7·203	1·00	...	...
*	37·312	−42·851	1·20	43.9184	10·3
	37·353	+26·654	− 5	*m*	.
	37·360	−47·842	− 1	...	
.	37·385	+ 4·703	− 5	*m*	
...	+37·390	+35·676	− 5	*m*	
...	37·531	+ 7·060	− 1	*m*	...
*	37·769	−50·703	1·50	43.9185	10·0
..	37·781	−19·312	− 1	*a*	...
..	37·871	− 5·259	− 5	*m*	...

357. Mass. 42·122. no note of duplicity.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
481–510					
481					
...	+37·910	−42·468	− 1	...	...
...	38·615	− 9·621	− 5	*m*	...
*	39·085	+18·647	1·10	42.9034	10·6
*	39·152	+22·057	1·10	42.9035	10·6
*	39·443	− 0·560	1·10	...	...
...	+39·620	+17·124	− 4	*m*	...
...	40·419	+49·738	− 4	...	...
*	40·569	−34·510	1·20	43.9186	10·5
...	40·977	+44·512	− 2	*m*	...
...	41·451	−53·205	1·05	...	...
491					
...	+41·928	−36·335	1·00	...	...
...	41·985	− 5·733	− 3	...	...
...	42·249	− 2·180	− 2	...	...
S *	42·617	+21·597	2·00	42.9036	8·8
...	42·870	+47·234	0·95	...	...
...	+43·044	− 1·231	− 5	*m*	...
...	43·116	− 6·996	− 5	...	...
...	43·121	−18·270	0·85	...	...
...	43·189	−11·061	1·00	...	...
...	43·346	+29·034	− 5	*m*	...
501					
*	+43·539	− 6·418	1·40	43.9187	9·8
...	43·668	+40·511	− 2	*m*	...
...	44·252	−17·353	0·95	...	...
...	44·697	+25·554	1·00	...	...
...	45·007	−52·052	− 5	...	...
:	+45·052	− 5·916	1·80	43.9188	9·2
†	45·064	+10·912	− 3	*m*	...
...	45·357	+23·125	− 5	*m*	...
...	45·438	+46·521	− 3	...	..
...	45·578	+ 5·512	− 4	*m*	...
511–540					
511					
...	+45·635	−38·133	− 3	...	...
...	45·951	− 1·971	− 5	*m*	...
...	45·992	− 3·982	0·85	...	...
...	46·844	−44·314	− 3	...	...
*	47·332	+28·729	1·20	42.9037	10·8
...	+47·374	+15·859	0·90	...	...
*	47·575	−22·170	1·10	43.9189	10·5
...	47·585	−15·119	− 3	...	...
...	47·646	−19·715	− 4	...	...
...	48·132	+43·096	1·10	42.9038	10·8
521					
*	+48·162	+ 2·809	1·90	43.9190	9·2
...	48·193	+47·489	− 2	...	...
...	48·240	+16·896	− 4	...	...
*	48·342	+19·903	1·50	42.9039	9·8
...	48·880	+24·758	− 5	*m*	...
...	+49·096	−12·603	1·00	43.9191	10·5
...	49·343	+51·677	− 2	...	...
...	49·672	+54·973	− 1	...	...
...	50·219	−37·795	0·95	...	...
...	51·398	− 3·401	− 4	...	...
531					
*	+51·630	−18·148	1·20	43.9192	10·4
...	51·893	−23·267	1·00	...	...
...	52·500	+17·516	− 5	*m*	...
...	52·588	+32·778	0·95	...	...
...	53·694	+ 8·005	− 5	*e*	..
...	+54·015	−14·075	− 5	...	...
..	54·428	+43·650	− 5	*m*	...
...	54·726	−24·125	− 5	...	...
..	54·806	−18·505	− 5	...	...
...	55·386	+21·301	− 4	*e*	...
541–552					
541					
*	+55·735	−10·037	1·60	43.9193	9·8
...	55·865	−23·053	0·90	...	...
...	56·158	−28·543	− 3	...	...
...	56·238	−16·030	− 4	...	...
...	56·721	− 6·743	− 5	*m*	...
...	+56·970	−26·237	− 5	...	...
...	57·352	−39·845	0·75	...	...
...	57·833	+ 8·136	− 5	*e*	...
..	58·155	−43·211	1·05	43.9194	10·5
...	58·528	+ 0·061	− 5	*m*	...
551					
...	+58·674	+25·092	− 1	...	...
...	59·674	−21·014	− 2	...	...

1–20					
1					
...	−58·364	−37·914	0·80	...	...
...	58·222	− 3·526	− 5	...	...
..	58·107	+32·679	0·90	...	...
*	57·544	−18·238	1·20	43.9192	10·4
...	57·136	−23·342	0·85	...	...
..	−56·263	+ 7·968	− 5	E	...
.	55·295	−14·092	− 5	...	.
...	54·965	+21·307	− 5	E	
...	54·363	−18·503	− 5	...	...
*	53·793	−13·206	1·50	43.9193	9·8
11					
..	−53·159	−23·102	0·90	...	...
...	53·002	−15·968	− 3	...	
	52·708	−28·486	− 3	..	...
.	52·142	+ 5·212	− 4	E	...
.	51·971	−26·132	− 5	...	.
...	−51·811	+25·188	0·65	...	...
...	51·135	−19·741	0·75	.	...
.	50·273	−43·185	1·05	43.9194	10·5
.	49·416	−20·872	− 1	...	...
...	49·013	−42·543	− 5	M	...
21–40					
21					
...	−48·342	−32·845	0·85	...	...
...	48·267	+37·562	1·10	42.9042	11·0
...	47·993	+ 2·938	0·80	...	...
..	47·908	−16·768	0·65	...	..
...	47·231	+30·901	− 1	...	...
..	−47·009	−57·747	− 5	...	...
...	46·606	+14·989	− 4	M	...
..	46·442	+19·432	− 5	M	..
...	46·074	+15·970	− 5	M	...
..	45·734	−19·413	0·75	...	..
31					
...	−45·865	− 6·842	1·00	...	...
...	45·564	− 2·050	− 5	.	...
...	45·342	+39·920	0·70	...	...
...	44·904	+ 8·566	0·80	.	.
...	44·805	−36·806	0·85	..	...
...	−43·700	−42·325	0·70		...
..	43·232	+15·500	0·70	...	...
.	43·151	+45·952	− 1	...	...
.	42·433	+ 8·172	− 5	M	...
.	42·052	+23·908	0·85	42.9043	11·0
41–60					
41					
...	−41·857	+28·045	− 5	M	...
†	41·625	−35·107	− 3	...	...
...	41·135	−30·838	0·90	...	...
...	40·835	+ 2·660	− 5	M	...
...	40·482	+57·088	0·65	...	...
...	−40·457	−43·109	0·70	...	...
*	39·953	+20·742	1·10	42.9044	10·6
...	39·788	+19·275	0·70	...	...
S ‡	39·342	−10·278	3·00	43.9195	6·9
...	39·111	−17·398	− 2	...	...
51					
...	−39·042	−13·436	− 4	...	...
..	38·855	−19·664	− 5	...	...
.	38·848	+35·321	− 5	M	...
*	38·588	+11·336	1·20	42.9045	10·4
*	37·895	− 7·383	1·50	43.9196	9·8
..	−37·854	− 5·906	0·70	...	...
...	37·458	+15·325	0·70	A	...
*	36·918	+51·474	1·25	42.9046	10·4
...	36·812	+10·298	− 1	...	...
...	36·779	− 1·408	− 5	...	...

ES measured from 1, 224.
NM ,, ,, 85, 335.

61–120

Notes.	Co-ordinates x.	Co-ordinates y.	Diam.	C.P.D. No.	C.P.D. Mag.
61	′	′	″	°	
...	−36·717	+ 3·256	1·00	...	...
...	36·470	+ 7·525	0·65	...	..
...	36·162	+ 5·520	− 4	M	..
...	35·970	+11·040	− 2	...	...
...	35·559	+39·103	− 5	M	..
...	−35·500	−10·914	− 4	...	...
*	35·033	+ 4·218	3·00	43.9198	7·6
*	34·923	−47·354	1·30	43.9197	10·4
†	34·708	−24·831	− 1	...	...
...	33·962	−14·839	− 4	...	.
71					
...	−33·364	− 0·011	0·75	a	...
...	33·281	+ 5·294	0·80	...	...
...	32·753	−21·257	− 5	...	...
*	32·573	+52·866	1·35	42.9047	10·6
...	32·491	+27·150	1·00	...	...
S *	−32·426	+58·655	1·90	42.9048	9·1
...	32·103	+56·967	− 4	...	...
..	31·800	+11·651	− 3	M	...
...	31·599	−31·928	− 5	...	...
...	31·535	+27·674	− 5	M	...
81					
...	−30·953	+30·049	− 2	M	...
...	29·984	−30·540	− 5	...	...
*	29·923	+24·012	2·20	42.9050	8·4
...	29·869	+56·922	0·85	42.9051	11·0
...	29·415	−57·564	− 5	...	...
...	−29·119	+23·756	0·75	A	...
...	29·077	+13·625	− 5	M	...
...	29·030	−52·808	− 4	...	...
..	29·010	−38·775	− 4	M	...
...	28·488	− 7·787	− 1	...	...
91					
*	−28·307	+ 7·695	1·00	42.9052	11·0
...	28·270	+ 0·827	− 5	M	...
..	28·129	−35·163	− 4	...	...
*	27·988	−56·274	1·20	44.9780	10·2
S *	27·909	−38·815	1·70	43.9199	9·6
...	−27·469	+57·812	− 5	...	...
...	27·381	+20·604	− 5	M	...
...	27·299	−33·979	0·75	...	...
*	27·197	− 2·869	1·90	43.9200	8·8
..	26·650	+32·877	− 4	M	...
101					
...	−26·349	+44·055	− 5	M	...
...	26·129	−41·933	− 3	...	...
...	25·830	− 2·683	− 5	...	...
‡	25·779	−25·049	0·95	...	...
...	25·204	−36·220	− 5	...	...
*	−25·128	+22·200	1·15	42.9053	10·2
...	24·986	+31·254	0·65	...	...
*	24·614	+21·433	1·00	42.9054	10·8
...	24·360	+49·862	− 1	...	...
...	23·799	+19·962	− 3	M	...
111					
...	−23·775	+53·015	1·10	42.9055	11·0
...	23·480	− 8·865	− 5	...	...
...	23·300	−50·124	− 4	...	...
...	22·767	+11·963	0·70	...	...
*	22·654	+38·468	1·80	42.9056	9·4
...	−22·557	−50·388	− 5	...	...
*	22·475	−44·546	1·05	43.9201	10·5
...	22·279	−20·336	− 5	...	...
...	22·248	−29·656	− 5	...	...
...	22·177	+14·358	− 4	M	...

121–180

Notes.	Co-ordinates x.	Co-ordinates y.	Diam.	C.P.D. No.	C.P.D. Mag.
121	′	′	″	°	
..	−21·823	−33·829	− 5	...	...
*	21·610	−49·407	1·10	43.9202	10·2
...	21·502	−49·433	− 4	...	...
..	21·510	− 8·741	− 3	.	...
...	20·855	+50·286	0·65	...	...
...	−20·797	−34·123	0·70	..	..
...	20·726	+32·717	− 2	..	...
...	20·722	−22·427	− 3	.	...
...	20·616	+48·520	0·80	...	...
*	20·391	−48·444	1·40	43.9203	10·1
131					
...	−20·101	−46·609	− 5	..	...
...	20·074	+33·416	0·85	..	...
...	19·573	+49·871	1·00	...	.
...	18·771	−35·645	0·85	..	...
...	18·506	−12·816	0·80	..	...
*	−18·448	+ 7·106	1·05	42.9057	11·0
...	18·030	−35·969	0·90	...	...
...	17·674	+ 3·440	0·75	...	...
...	17·600	−21·779	0·70	...	...
...	17·560	−35·465	0·70	...	...
141					
...	−17·541	+23·230	− 4	M	...
α *	17·084	+ 0·387	2·40	43.9204	8·8
..	16·968	−46·191	0·95	...	...
*	15·992	−12·921	3·00	43.9205	8·2
..	15·934	+30·743	− 5	M	...
...	−15·407	−52·733	0·65	...	...
...	15·336	+50·476	0·95	...	...
...	15·153	+16·658	0·75	A	...
...	15·100	−26·839	0·85	...	...
*	15·092	−42·887	1·40	43.9206	9·6
151					
...	−15·086	+55·768	− 1	A	...
S *	14·647	+22·797	1·70	42.9058	8·8
*	14·458	−52·865	1·20	43.9207	10·4
...	14·435	+39·294	− 4	M	...
...	14·218	+19·190	0·70	B	...
...	−14·036	+22·989	1·00	...	...
...	13·911	+19·710	− 5	M	...
*	13·576	+ 6·658	1·00	42.9059	11·0
...	13·526	−25·358	− 5	...	...
...	13·454	− 1·494	0·80	...	...
161					
*	−13·422	+14·279	1·30	42.9060	10·0
...	13·251	−39·793	0·70	...	...
...	12·951	−40·833	0·65	...	...
*	12·703	+25·979	1·05	42.9061	11·0
...	12·664	+25·053	− 5	M	...
*	−12·254	+29·257	1·15	42.9062	10·8
...	12·101	− 3·273	− 5	M	...
...	11·933	−44·569	1·00	...	...
...	11·872	−47·239	0·80	...	...
...	11·688	−13·180	0·80	...	...
171					
*	−11·347	−55·064	1·60	43.9208	9·6
...	11·167	+30·846	− 5	M	...
...	11·158	+56·619	0·70	...	...
*	10·400	−51·422	1·00	...	...
...	9·920	+34·656	0·65	...	...
...	− 9·388	+24·017	0·70	...	...
...	8·984	−47·970	0·95	...	...
...	8·410	+ 8·298	− 3	M	...
...	8·064	+ 5·953	− 5	M	...
...	8·005	+37·644	0·80	...	...

181–240

Notes.	Co-ordinates x.	Co-ordinates y.	Diam.	C.P.D. No.	C.P.D. Mag.
181	′	′	″	°	
...	− 7·977	+25·037	0·85	...	...
...	7·849	+33·617	− 5	M	...
..	7·652	−52·775	1·00	...	...
...	7·450	−42·105	− 5	...	...
*	7·423	+16·807	1·10	42.9063	10·2
...	− 7·339	+11·076	1·00	...	..
...	7·122	+ 6·383	0·70	B	...
...	6·830	−39·035	0·70	...	...
...	6·332	+55·461	− 5	M	...
...	6·328	+23·150	0·75	...	...
191					
...	− 6·150	+11·421	0·80	...	...
...	5·995	−51·579	0·70	...	...
...	5·383	+46·817	− 1	B	...
...	5·379	+34·098	0·95	...	...
...	5·241	−57·606	1·00	..	...
...	− 5·136	+52·712	− 3	...	...
...	5·006	−15·693	0·90	...	...
...	4·952	+50·915	0·65	...	...
...	4·886	−20·305	− 5	M *m*	...
†	4·801	−17·204	− 5	...	...
201					
†	− 4·738	−25·579	0·80	...	...
...	4·583	−16·853	− 5	*m*	...
...	4·251	−13·194	0·85	...	...
...	4·108	−38·242	− 5	...	..
*	4·016	−29·546	1·00	...	...
...	− 3·973	−57·379	− 5	...	...
*	3·824	+ 1·945	1·00	43.9209	10·3
...	3·539	+56·110	− 5	M	...
...	3·347	+35·177	0·95	...	..
...	2·484	+49·348	0·65	...	...
211					
...	− 2·477	+23·339	− 4	M	...
...	2·356	+11·569	0·80	M	...
...	2·036	+26·255	− 5	M	...
..	2·031	+ 6·691	0·70	...	...
...	1·993	+21·832	− 5	M *m*	...
...	− 1·989	+10·232	0·70	...	...
...	1·911	+15·260	0·80	...	...
...	1·783	+14·429	− 3	M	..
*	1·232	−59·658	1·20	44.9792	10·3
...	1·219	−43·312	− 4	...	...
221					
...	− 0·873	+18·692	0·70	M	...
...	− 0·854	+24·120	− 5	M	...
	+ 0·195	−52·822	1·10	43.9210	10·3
...	0·775	+38·607	− 4	M	...
...	1·284	+35·027	− 4	M	...
...	+ 1·299	+40·315	− 4	M	...
...	1·323	+19·412	0·75	...	...
..	1·620	−54·126	1·00	...	...
..	2·466	+51·009	− 5	M	...
*	2·901	+49·075	1·15	42.9064	10·8
231					
...	+ 3·456	−39·021	− 1	...	...
...	3·670	−23·964	− 3	...	...
*	3·708	−39·245	1·15	43.9211	10·4
...	4·149	−42·639	− 5	...	...
...	4·360	−22·475	− 4	...	...
...	+ 4·732	+17·946	− 2	M	...
...	5·939	−48·923	− 5	...	...
...	6·220	−42·857	0·80	...	...
...	6·573	+38·215	− 2	...	...
...	6·842	+13·494	1·00	...	...

241-300

Notes.	Co-ordinates. x.	y.	Diam. r.	C.P.D. No.	Mag.
241					
S *	+ 7·420	+38·099	5·15	42·9065	6·0
...	7·671	−35·653	− 4		
.	8·168	−22·471	− 3		
	8·782	−37·582	− 5	. .	.
	8·790	−40·496	− 4		...
...	+ 9·600	−48·781	− 5	...	...
	9·642	−16·427	2·60	43·9212	8·5
	9·660	+ 7·394	− 1	. .	. .
	9·676	+12·949	0·80		.
...	10·021	+14·932	− 3		. .
251					
	+10·099	−57·920	− 2		. .
	10·118	+13·341	0·70		. .
	10·283	−49·289	− 4		...
	10·361	− 7·919	− 4	. .	...
	10·736	−32·698	− 5	...	...
	+10·775	+12·976	− 5	. .	...
	10·828	+44·611	− 1		...
	11·016	−55·191	− 5	...	...
...	11·176	−40·621	− 1	...	. .
...	11·900	− 9·855	0·90	...	...
261					
.	+11·906	+47·332	0·95	...	...
...	12·137	+14·106	0·90	...	...
*	12·183	+ 5·986	1·20	42·9067	10·4
S *	12·456	−59·370	2·10	44·9795	8·3
.	12·595	−47·197	− 4	.	...
...	+12·817	− 7·958	− 4	.	. .
...	13·239	−24·243	− 5	...	.
...	13·289	+15·467	− 5		...
	13·321	−53·813	− 4	. .	.
...	13·852	+55·825	0·80	.	.
271					
*	+14·062	−29·183	1·00	43·9213	10·5
	14·642	+42·820	− 4	...	...
	15·591	−33·736	− 4	...	...
*	15·733	− 9·569	1·00	43·9214	10·5
...	15·753	− 0·968	− 1	...	...
.	+15·827	−10·651	0·70	.	.
	15·902	+56·998	− 5		.
...	16·146	+36·631	− 5	. .	. .
	16·280	−43·452	0·70	. .	.
...	16·802	− 2·030	− 3	.	.
281					
.	+16·818	+36·583	− 5		...
...	17·017	−44·575	− 5	.	.
...	17·363	−29·102	− 1		...
	17·578	+53·354	− 4	..	...
*	17·993	−19·634	1·40	43·9215	9·8
. .	+18·023	−12·931	− 5	...	...
*	18·192	−38·655	1·15	43·9216	10·3
...	18·361	+17·251	0·85	...	. .
	18·417	+51·615	− 5	.	
*	18·693	+20·377	1·00	.	...
291					
..	+19·084	−23·687	5	...	..
	19·313	+46·806	− 1	...	..
...	19·402	+29·192	− 4		
...	19·570	−49·354	− 5	.	
	19·766	+33·520	− 5		
..	+20·499	−11·230	0·80	.	..
	20·550	− 1·328	0·80		...
. .	21·083	−28·870	2		
	21·236	−49·922	− 4		
...	21·668	+31·898	− 5	.	...

301-360

Notes.	Co-ordinates. x.	y.	Diam. r.	C.P.D. No.	Mag.
301					
.	+21·898	−10·359	− 2	...	...
*	21·918	−58·452	1·80	44·9799	9·1
...	21·980	+46·500	− 5	...	...
	22·111	+31·887	− 3	...	...
...	22·270	−44·559	0·65	...	...
S *	+23·015	+15·289	5·20	42·9068	5·9
...	23·122	−33·106	− 3	...	...
*	23·534	−28·665	1·00	...	...
...	23·610	+50·821	1·05	...	...
*	23·616	+54·781	1·10	42·9069	10·4
311					
. .	+23·967	−54·468	0·75	...	...
...	24·327	+52·519	− 5	...	...
*	24·593	+ 9·602	2·10	42·9070	8·5
...	24·677	+32·433	0·70	...	...
.	24·804	+37·268	− 5	...	...
. .	+24·819	+ 7·672	− 5	...	...
...	24·863	+53·389	− 5	...	...
*	25·067	+52·970	2·80	42·9071	7·8
...	25·559	−11·938	− 1	...	...
...	25·926	−31·216	− 3	...	...
321					
...	+25·937	+55·809	− 3	..	...
...	26·218	−47·356	− 4	...	...
.	26·803	+31·709	− 5	...	...
*	27·103	−17·967	1·20	43·9217	9·8
...	27·479	−23·632	− 5	...	...
*	+27·524	−13·859	1·10	43·9218	10·2
..	27·593	+39·052	0·70	...	...
..	28·212	−28·056	− 1	...	...
..	28·481	+ 6·807	− 4	...	...
...	28·593	+10·318	− 5	...	...
331					
...	+29·472	+51·435	1·00	...	...
..	29·557	+ 4·261	− 5	...	...
.	29·588	−54·775	− 4	...	...
*	30·083	−27·921	1·90	43·9219	9·0
	30·254	+28·978	0·85	...	...
...	+30·354	+12·828	0·80	...	...
...	30·499	+ 7·039	− 5	...	...
*	30·640	−26·481	1·60	43·9220	9·6
...	30·972	−41·666	− 4	...	...
...	31·345	−31·678	0·65	...	...
341					
...	+31·417	−10·917	0·85	...	...
.	31·748	−43·600	1·30	43·9221	10·1
.	31·823	+ 3·776	0·75	...	...
*	32·052	−31·670	1·00	43·9222	10·5
.	33·413	+ 6·582	0·90	...	...
	+33·841	−55·776	− 1	..	...
..	33·858	+35·847	0·75	...	...
...	33·943	−56·837	− 4	...	...
*	34·019	+ 0·777	1·60	43·9223	9·2
...	34·138	−24·083	− 4	...	...
351					
...	+34·245	−38·068	− 5	...	...
*	34·317	+31·956	0·95	...	...
...	34·516	−51·501	0·90	..	...
*	34·728	−15·858	1·10	43·9224	10·1
...	35·286	+27·137	− 5		
.	+35·497	−38·000	− 1		
...	35·499	−16·037	1·00		
*	36·515	+23·879	1·00		
*	37·410	− 7·921	1·00	43·9225	10·5
	37·793	+16·877	1·20	42·9074	9·8

361-420

Notes.	Co-ordinates. x.	y.	Diam. r.	C.P.D. No.	Mag.
361					
†	+37·778	+49·691	1·05		. .
.	38·035	−25·483	0·75		
...	38·119	+14·720	− 5	..	
..	38·394	+ 5·393	0·75		...
	39·101	− 8·675	0·70		...
	39·191	−51·047	− 1		...
.	39·465	− 9·898	− 5	.	.
.	39·599	+30·311	0·95	.	..
...	39·943	+43·238	− 1		.
.	41·006	−16·441	0·90	...	.
371					
S *	+41·255	− 7·793	2·50	43·9226	8·2
...	41·340	−44·095	0·65	..	...
...	41·362	−30·848	0·70	..	...
*	42·062	+26·253	1·10	42·9075	10·4
...	42·573	+28·414	− 4	...	...
...	+42·662	−56·924	1·20	44·9803	10·4
...	42·834	+37·443	− 5	. .	...
...	42·836	−18·393	0·85		
.	43·147	+46·590	0·70		.
...	43·197	+23·152	− 5	...	...
381					
*	+43·288	+53·500	1·60	42·9076	9·5
...	43·477	+ 1·787	0·80		...
.	43·665	+22·145	− 5	. .	
...	43·746	+46·375	0·70		
...	43·826	−44·080	− 5		
.	+44·010	+47·818	0·70		.
...	44·162	+43·568	0·80		.
..	44·362	−27·434	− 5	.	..
...	44·474	− 1·352	0·70		
...	45·743	− 4·198	0·70		.
391					
...	+45·768	+ 5·880	0·80		
*	45·800	+42·792	1·80	42·9077	9·2
...	45·953	−58·542	− 1	...	...
*	46·011	+47·728	1·20	42·9078	10·0
...	46·353	−31·454	− 5		.
...	+46·499	−23·888	0·65		..
...	46·579	−37·429	0·80		.
...	46·950	−15·586	− 5		...
*	46·991	+48·415	1·40	42·9079	9·8
...	47·418	−51·098	− 1	...	...
401					
...	+47·720	−10·335	− 5	...	..
*	47·879	−13·872	1·00	43·9227	10·4
...	47·961	+41·213	− 5		..
...	48·012	+ 7·133	− 5		.
...	48·292	−12·889	− 4		...
*	+49·398	+16·339	1·00		.
†	49·477	−15·144	0·65		...
...	50·621	+49·228	− 5		...
...	51·653	−31·768	0·75		.
...	51·664	− 9·769	− 5		..
411					
...	+52·053	+31·132	− 5		.
...	52·336	+43·473	0·80		
S *	52·675	−53·714	2·10	43·9228	9·0
.	52·718	+17·001	− 5	...	..
.	53·264	+28·089	− 4		...
	+53·297	+10·820	0·75		...
.	53·362	−24·002	0·80		.
...	53·871	− 8·714	0·80		.
. .	54·292	+54·309	0·75		.
S *	54·332	+36·712	3·00	42·9080	7·5

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
421-430					
421					
—	+54′390	+17′632	− 5		.
…	54·468	− 8·627	0·65		
	54·710	+41·406	0·80		
…	55·127	− 0·586	0·75		
	55·397	+40·897	0·65		
…	+55·487	+36·197	0·65		
…	55·576	+48·461	0·90		
	55·627	− 1·889	− 5		.
	55·638	+52·623	− 1		…
	56·490	−14·675	0·70		
431-440					
431					
	+57′289	− 8′303	− 5	…	…
	57·506	−49·801	0·95	…	…
	57·794	+ 9·066	− 5	…	…
	57·890	− 5·251	0·80	…	…
	57·947	−22·038	0·65	…	..
*	+57·965	−45·494	1·80	43.9229	9·3
…	58·183	−21·378	0·80	…	…
…	58·241	+12·064	1·00	…	..
…	58·788	−23·598	0·65	…	…
S *	59·457	−44·741	1·40	43.9230	9·6
441					
441					
…	+59′929	− 1·631	0·80		

1-40					
1					
..	−58′702	+43′375	0·90	.	.
..	57·290	+28·028	− 5		.
.	57·124	−31·839	− 3		..
.	57·071	+54·268	0·85		…
…	56·758	+10·773	− 1		..
S *	−56·488	+36·678	3·20	42.9080	7·5
.	56·270	+41·379	0·75	.	…
	55·661	−24·034	− 1		
	55·656	+52·630	− 1	.	
…	55·606	− 8·735	− 2	.	.
11					
.	−55·591	+48·404	0·85		.
.	55·540	+40·904	− 1	…	…
S *	55·439	−53·761	2·60	43.9228	9·0
	55·308	+36·210	− 2	…	.
	55·005	− 8·635	− 5	…	…
.	−52·814	−14·613	− 1		.
…	52·217	+ 9·137	− 5		
…	51·855	+12·160	0·90		.
†	51·677	− 5·161	− 2	.	.
.	51·127	−21·919	− 3		…
21					
…	−50·909	−21·254	0·70		..
. .	50·736	−49·711	1·10	.	..
	50·385	−45·381	2·00	43.9229	9·3
.	50·251	−23·456	− 3	…	.
.	49·734	− 1·516	0·80		…
.	−49·342	+25·831	− 5	. .	. .
S *	48·939	−44·585	1·70	43.9230	9·6
.	48·884	+14·685	0·85	…	…
‡	48·789	−10·098	1·60	43.9231	10·0
*	47·906	+41·435	1·80	42.9081	9·6
31					
	−47·861	−30·903	0·80	…	…
.	47·740	−22·081	− 5	…	…
*	47·733	−26·810	1·05	43.9232	10·4
*	47·732	+34·239	1·90	42.9082	9·8
…	47·371	− 5·432	− 5	…	. .
…	−47·064	+29·599	− 5	.	…
…	44·371	+16·178	0·95	…	
…	43·703	−43·252	0·95	…	…
…	43·632	− 9·439	0·95	…	…
…	43·482	−16·614	0·70	.	..
41-80					
41					
*	−43′177	+18′475	1·60	42.9083	10·4
.	43·124	+ 5·830	− 5		. .
	42·843	−40·405	0·80		
	42·415	−11·825	− 4	. .	.
…	42·384	+47·314	0·95	…	…
*	−42·356	+ 3·047	2·50	43.9233	8·7
…	42·081	+15·550	− 5	…	…
…	41·837	+28·291	0·80	…	…
*	41·785	+ 1·080	1·80	43.9235	9·5
*	41·772	+ 3·078	2·80	43.9234	8·2
51					
.	−40·986	+21·652	− 3		…
	40·975	+43·923	− 5	…	…
*	40·533	+55·750	1·50	42.9084	10·0
.	39·880	−21·034	0·65	…	…
†	39·601	−41·776	1·10	43.9236	10·5
*	−39·396	+15·219	1·10	42.9085	10·4
…	38·564	+38·633	0·85	…	…
…	38·312	−19·053	− 3	…	…
*	38·009	− 9·389	1·30	43.9237	10·2
…	37·882	+44·232	− 4	…	…
61					
…	−36·811	−18·288	0·90	…	…
…	36·340	− 7·871	− 1	…	…
*	35·405	−13·959	1·30	43.9238	10·2
	35·338	−58·382	0·75	…	…
.	35·144	+ 2·096	0·70	…	…
…	−34·845	+29·938	1·00	…	…
…	34·439	+24·700	− 3	…	..
*	34·326	+53·530	1·40	…	…
†	34·219	+ 9·770	− 5	…	…
*	34·174	−28·912	2·00	43.9239	9·1
71					
…	−33·500	+41·403	− 5	…	…
…	33·408	+38·638	0·80	…	…
…	32·967	−57·320	− 1	…	…
S *	32·354	+31·453	1·80	42.9086	9·2
…	31·743	+ 1·116	1·00	…	…
…	−31·609	35·777	1·00	43.9240	10·5
…	30·417	−16·111	0·65	…	…
S *	30·217	−34·899	2·50	43.9241	8·2
‡	29·903	+19·768	1·05	42.9087	10·4
…	29·566	−13·168	− 5	…	…
81-120					
81					
..	−28′846	+27′694	− 5	…	…
	28·670	−19·578	− 1	…	…
.	28·396	+21·436	− 3	…	…
	27·936	−35·493	0·65	…	…
…	26·949	−30·824	− 4	…	…
*	−26·945	+ 6·181	1·00	42.9088	10·5
…	26·418	+29·295	0·95	…	…
*	26·399	−36·368	1·05	43.9242	10·3
*	26·254	−17·892	1·10	43.9243	10·0
…	25·774	+19·709	− 4	…	…
91					
*	−25·668	−16·354	2·00	43.9244	9·1
…	24·930	+53·985	− 5	…	…
*	24·507	+48·936	1·80	42.9089	9·5
…	24·323	+59·253	− 1	…	…
…	23·671	+44·481	0·65	…	…
*	−22·751	+47·423	1·60	42.9090	9·8
†	22·742	+39·805	0·90	…	…
*	22·298	+ 8·827	1·70	42.9091	9·8
…	22·278	+37·918	0·80	…	…
…	21·715	+ 4·237	− 5	M	…
101					
…	−20·400	−47·157	− 5	…	…
*	20·161	+12·225	1·30	42.9092	10·0
…	19·505	+29·401	− 5	…	…
…	19·088	−54·387	1·10	…	…
†	18·960	+ 9·788	0·95	42.9093	10·4
…	−18·673	+46·880	− 5	…	…
…	18·416	−28·380	0·80	…	…
…	17·641	−56·342	0·90	…	…
…	17·488	+59·335	0·65	…	…
*	16·754	−59·813	1·20	44.9824	10·4
111					
…	−16·686	+35·683	− 5	…	…
‡	16·345	+39·784	1·10	42.9094	10·4
…	15·262	−56·913	− 3	.	…
…	14·855	+21·537	0·95	.	.
…	13·631	− 7·968	0·80	…	…
…	−12·092	+51·213	0·65	.	…
…	10·817	− 5·221	− 5	…	…
…	10·383	−42·298	0·85		…
…	10·376	+24·050	0·80		…
†	10·317	+44·782	0·65	. .	…

ES measured from 1, 150.
NM ,, ,, 80, 233.

121–180

Notes.	Co-ordinates. x.	y.	Diam. 0·65.	C.P.D. No.	Mag.
121					
...	−10·267	+10·022	0·80	...	...
.	10·207	−37·279	0·65	...	...
.	9·945	−43·668	− 5	...	...
S	9·810	− 9·341	2·40	43·9245	8·8
	9·700	+ 2·634	1·80	43·9246	9·3
...	− 9·282	+50·249	− 5	M	...
...	9·261	+25·479	− 4	..	...
..	8·913	−46·070	− 5	...	...
*	8·873	+27·283	1·90	42·9095	9·2
.	8·277	+ 8·853	0·75	...	...
131					
.	− 7·797	−37·047	0·90	...	...
...	7·466	+10·229	0·65	...	...
*	6·851	+45·744	1·00	...	...
	6·135	+37·905	− 5	...	...
.	5·276	−48·763	0·70	...	...
...	− 5·276	−49·397	0·80	..	...
.	5·083	+14·863	0·80	...	...
..	4·908	−41·353	0·65	...	...
..	4·250	+ 5·361	1·10	42·9096	10·4
*	3·104	−54·207	1·40	43·9247	10·4
141					
...	− 2·657	−33·886	0·90	43·9248	10·5
...	1·972	+21·894	− 5	...	...
..	1·784	+43·586	− 5	...	...
S *	1·390	+39·003	1·90	42·9097	9·2
	1·390	−38·830	0·70	...	...
...	− 1·072	− 1·583	0·85	...	...
...	0·605	+52·596	− 5	.	...
...	0·371	− 4·885	0·80	...	...
*	0·345	+ 5·525	1·70	42·9098	9·6
.	+ 0·601	−14·237	− 3	...	...
151					
...	+ 0·728	−38·602	− 5	...	...
.	1·164	+ 0·532	0·80	...	...
	1·216	−14·646	0·65	...	...
*	1·382	−17·026	1·10	43·9249	10·4
	1·383	−20·303	− 3	...	...
...	+ 1·625	+32·547	− 5	...	...
*	1·889	+17·836	1·40	42·9099	9·9
..	2·034	+14·743	− 3	...	...
..	2·064	+55·994	− 5	...	...
*	2·091	−57·808	1·10	44·9831	10·5
161					
...	+ 2·169	−28·204	1·00	43·9250	10·5
..	2·172	+46·707	0·85	...	...
*	2·642	+15·245	1·80	42·9100	9·4
.	2·917	+24·047	0·90	...	..
	3·199	+25·597	− 5	...	...
	+ 3·393	+41·248	− 5	...	
.	3·942	−46·762	− 3	...	.
	4·746	+39·195	− 3	.	...
...	4·844	−27·800	− 5	..	...
	5·164	−56·127	0·90	...	...
171					
‡	+ 5·291	−26·919	1·20	43·9251	10·0
	6·315	+46·216	− 4	...	...
	6·840	−56·040	0·95	...	...
	7·250	−50·586	1·00	43·9252	10·5
.	7·525	+ 2·448	− 1	...	...
..	+ 7·593	+23·204	− 5	...	
...	7·906	−50·654	− 5	...	..
*	8·012	+43·225	1·05	...	..
...	8·069	− 6·062	0·75	.	...
..	8·198	−45·648	− 5	...	...

181–240

Notes.	Co-ordinates. x.	y.	Diam. 0·65.	C.P.D. No.	Mag.
181					
...	+ 8·707	+38·957	0·95	...	...
...	9·426	−24·139	0·95	...	...
...	9·808	−18·584	− 3	...	...
...	10·375	+35·442	− 3	...	...
...	10·412	−58·422	0·80	...	...
*	+12·353	+ 6·055	1·40	42·9101	10·4
...	12·440	+57·612	1·00	...	...
*	12·669	− 7·186	1·60	43·9253	9·8
*	12·982	−51·285	1·25	43·9254	10·2
...	13·379	−16·754	0·90	...	...
191					
...	+14·020	+38·299	0·65	...	...
S *	14·479	−39·872	2·00	43·9255	8·7
...	14·680	−33·647	− 5	...	...
...	14·911	+33·251	0·80	...	...
	15·220	−52·863	1·25	43·9256	9·6
...	+15·406	+34·880	0·65	...	...
..	16·392	+39·236	− 1	...	...
...	16·408	−55·609	− 5	...	...
...	16·653	+22·533	− 5	...	...
*	18·053	−37·897	1·60	43·9257	9·6
201					
...	+18·104	−54·140	0·95	...	...
...	18·709	+33·269	− 5	.	...
...	18·760	+55·877	− 3	.	.
...	19·076	+32·024	− 5	.	.
...	19·289	+25·291	0·85	...	...
...	+19·363	+ 4·465	0·85	.	...
...	19·557	−40·610	0·65	.	.
...	20·056	+38·862	− 2	...	...
...	20·300	+ 4·518	0·85	...	...
...	20·882	+32·606	0·70	...	...
211					
*	+20·961	+21·453	1·40	42·9102	9·6
...	21·689	+28·089	− 5	...	...
...	22·347	+52·580	− 1	...	...
...	23·604	+15·696	− 4	...	...
*	23·801	+21·763	1·25	42·9103	10·4
...	+24·453	+21·160	− 5	...	...
...	26·191	+38·190	− 5	...	...
*	26·233	+28·609	1·00	42·9104	10·4
...	26·456	+ 5·083	− 4	...	...
*	26·702	−47·272	3·00	43·9258	7·6
221					
...	+26·896	−11·094	− 5	...	...
+	27·133	+39·513	1·10	42·9105	10·2
...	27·979	+26·004	− 1	...	...
...	28·438	+25·865	− 5	...	...
..	28·554	−53·274	− 5	...	...
...	+28·580	+44·624	1·00	42·9106	10·4
...	28·631	−59·308	− 1	...	...
...	28·821	+ 5·638	0·80	...	...
...	29·230	−28·155	− 5	...	...
*	29·284	+19·240	1·90	42·9107	9·5
231					
*	+29·670	+19·234	2·00	42·9108	9·4
...	29·679	−59·567	− 5	a	...
...	30·545	−12·357	1·00	43·9259	10·5
...	30·639	−54·284	1·00	43·9261	10·5
*	30·692	−35·913	1·10	43·9260	10·5
*	+30·994	−57·648	1·80	44·9844	9·8
..	31·306	+ 9·408	0·75	...	...
...	31·433	+20·043	− 2	...	...
*	31·479	+39·404	1·80	42·9109	9·5
...	32·223	+38·824	− 5	...	...

241–300

Notes.	Co-ordinates. x.	y.	Diam. 0·65.	C.P.D. No.	Mag.
241					
*	+32·322	+50·509	1·40	42·9110	9·9
...	32·369	+ 2·497	− 5	...	...
...	32·405	− 3·483	− 5	...	...
...	32·800	−55·323	− 5	...	...
...	32·862	− 4·241	0·80	...	...
*	+33·178	−27·401	1·90	43·9262	9·3
...	33·518	−55·607	− 4	...	...
...	33·889	−21·811	− 5	...	...
...	33·976	+39·479	− 5	...	...
...	34·264	+34·349	− 2	...	...
251					
...	+34·591	−23·044	− 5	...	...
S *	35·395	+40·132	3·50	42·9111	7·0
...	35·460	−46·970	1·00	...	...
...	35·780	−45·943	− 5	m	...
*	36·479	−50·814	1·80	43·9263	9·6
...	+36·595	+13·484	0·80	...	...
...	36·808	+ 3·718	0·90	...	...
...	36·823	−25·523	− 1	...	...
...	37·221	− 1·032	− 4	..	..
...	37·742	−23·426	− 4	...	...
261					
...	+37·989	+13·751	− 5	...	...
...	38·538	− 5·716	− 4	m	...
...	38·544	−21·586	− 2	...	...
...	38·634	+34·973	− 3	...	...
...	39·163	−22·213	− 3	...	...
...	+39·297	+46·696	− 4	...	...
...	39·845	−30·145	1·00	43·9264	10·5
...	41·075	− 1·572	0·95	...	...
S *	42·404	−45·807	2·30	43·9265	8·6
...	42·529	− 4·265	− 2	...	...
271					
...	+42·688	− 4·300	− 5	...	...
...	42·873	−40·774	0·85	...	...
...	43·238	+32·456	− 1	...	...
...	43·880	−20·524	− 5	...	...
...	44·251	−42·849	1·05	43·9266	10·5
...	+45·523	−17·397	0·80	...	...
S *	45·723	+11·424	1·60	42·9112	9·5
...	46·355	−31·074	− 5	...	...
...	47·757	+43·499	− 5	...	...
...	47·883	+ 7·198	− 1	...	...
281					
...	+49·833	−36·564	0·90	...	...
†	50·099	+41·736	0·75	...	...
*	51·297	− 9·432	1·00	...	...
...	51·770	−46·182	− 5	...	...
...	52·162	+ 5·972	0·70	...	...
...	+52·796	−22·004	− 3	...	...
...	53·367	−35·811	0·75	.	...
...	54·039	−18·323	0·95	...	...
...	54·267	+37·411	0·75	...	...
...	54·304	−13·298	− 5	...	...
291					
...	+54·536	− 4·521	0·80	...	...
...	54·804	+27·967	− 5	...	...
...	55·198	+20·063	− 5	...	...
...	55·404	−21·244	− 1	...	...
*	55·443	− 4·110	1·80	43·9267	10·0
...	+55·523	+11·301	0·80	..	...
...	56·492	−38·617	− 5	...	...
†	56·611	+ 4·959	− 4	...	...
...	57·823	− 9·541	0·80	...	...
...	57·893	+55·475	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
301-306					
301					
...	+58′·127	−13′·704	− 5	...	...
...	58·413	−14·552	0·70	...	...
*	59·185	−42·179	2·20	43.9268	9·5
...	59·336	+38·982	− 5	...	...
...	59·815	−49·513	− 4	...	...
...	+59·821	+ 2·153	1·00	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ..	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ..	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
1-40					
1					
...	−58′·803	−36′·699	0·80	...	...
*	58·156	− 9·510	1·00	..	...
...	57·752	+ 5·907	0·80	...	...
...	56·606	+37·400	0·65	...	...
...	56·588	−46·226	− 5	...	...
...	−56·269	−22·035	0·70	...	...
...	55·752	+27·964	− 5	...	...
...	55·290	−35·824	0·65	...	...
...	55·147	−18·323	0·85	...	...
...	55·124	+20·105	− 5	...	...
11					
..	−55·065	− 4·514	1·00	...	...
...	55·031	−13·291	0·65	..	...
...	54·551	+11·331	0·80	...	...
*	54·157	− 4·067	1·20	43.9267	10·0
...	53·688	−21·209	0·80	...	...
...	−53·517	+55·555	− 5	...	..
†	53·279	+ 5·023	0·70	...	...
...	52·093	−38·540	− 5	...	...
...	51·617	− 9·436	0·85	...	...
...	51·553	+39·120	0·65	...	...
21					
...	−51·190	−13·621	− 4	...	...
*	51·184	+58·190	1·60	42.9113	9·5
...	50·890	−14·421	0·80	...	...
...	50·251	+51·610	− 1	..	..
...	49·978	+ 2·312	0·80	..	..
...	−49·415	+ 9·335	0·80	..	...
...	49·390	+41·461	− 5	...	...
...	49·320	+16·458	− 5	...	...
*	49·286	−42·019	1·60	43.9268	9·5
...	48·450	−49·304	− 4	...	...
31					
...	−47·676	− 6·967	− 5	...	...
*	47·647	+36·745	1·70	42.9114	9·6
...	47·399	−13·803	1·00	...	...
S *	47·330	−23·658	2·80	43.9269	7·5
...	47·179	+51·346	− 5	...	...
...	−47·178	− 9·863	− 5	...	...
...	46·725	− 7·104	− 5	M	...
...	46·418	+18·508	− 5	M	...
...	45·409	−37·534	− 5	...	...
*	45·160	+17·798	1·10	42.9115	10·4
41-80					
41					
*	−44′·973	−41′·032	1·00	...	...
S *	44·403	−30·957	2·80	43.9270	7·8
...	43·229	+ 9·476	− 5	M	...
...	43·201	+41·925	0·95	...	...
...	43·190	−12·995	0·70	...	...
..	−43·051	−18·557	0·70	...	...
...	42·952	+17·058	0·65	...	...
...	42·305	+25·555	− 2	A	...
..	41·724	−36·690	0·80	...	...
...	41·104	−32·685	− 5	M	...
51					
...	−41·028	−50·873	0·70	...	...
...	40·452	+29·368	0·65	...	...
...	40·254	− 2·648	0·70	...	...
...	40·189	−56·407	− 5	...	...
*	40·115	−29·022	1·15	43.9271	10·2
...	−39·314	+48·929	0·65	...	...
...	39·273	−22·754	− 5	M	...
*	39·237	−10·306	1·00	...	...
...	38·623	− 9·142	0·70	...	...
...	38·465	+50·565	− 5	...	...
61					
..	−37·898	+ 9·789	− 5	...	...
...	37·383	−30·505	0·80	...	...
†	37·355	− 9·959	0·80	...	...
...	37·293	−52·732	0·90	...	...
...	36·476	− 2·749	0·75	...	...
...	−36·343	−56·085	− 5	...	...
...	36·025	− 2·122	0·75	..	...
*	35·844	+ 6·189	1·40	42.9116	10·0
*	35·549	+56·605	1·10	42.9117	10·4
...	35·454	+24·320	0·80	...	...
71					
...	−35·300	+28·209	− 5	M	...
...	35·053	−17·031	− 5	...	...
†	34·886	− 2·603	1·00	43.9272	10·4
...	34·531	+17·685	− 1	...	...
...	34·486	+31·219	− 5	...	...
...	−34·406	− 8·872	0·80	...	...
...	33·495	+ 6·896	− 4	...	...
...	33·436	−55·496	− 1	...	...
S *	33·427	+53·131	1·90	42.9118	9·0
...	33·083	+35·958	− 5	...	...
81-120					
81					
...	−32′·791	+42′·056	0·80	...	...
...	32·689	+17·643	− 4	...	...
...	32·655	+38·901	0·85	...	...
...	32·265	+20·863	0·95	42.9119	10·4
...	31·602	+10·520	0·75	...	...
*	−31·369	−39·556	1·00	43.9273	10·5
*	31·014	−14·156	1·10	43.9274	10·2
*	30·723	+32·924	1·80	42.9120	9·5
*	30·511	+15·107	0·95	...	...
*	30·424	−33·835	1·15	43.9275	10·2
91					
...	−29·655	+ 1·488	− 5	M	...
*	28·842	−17·101	1·00	...	...
...	28·380	+14·217	− 1	...	...
...	28·376	+34·046	− 5	M	...
*	28·320	−32·956	0·90	...	...
..	−28·166	−30·268	0·65	...	...
...	27·953	+29·796	− 2	...	...
...	27·776	+59·402	− 3	...	...
...	27·723	−19·012	− 5	...	...
...	27·619	+25·854	− 4	..	...
101					
...	−27·568	+55·195	0·70	...	...
S *	27·448	+36·548	1·70	42.9121	8·8
...	27·036	−19·185	− 4	...	...
...	26·220	+51·259	− 3	...	...
...	26·002	+51·541	− 4	...	...
...	−25·602	−59·649	0·90	...	...
...	25·403	+25·177	− 1	...	...
*	25·279	−42·587	1·00	...	...
...	25·217	+19·449	0·80	...	...
...	24·431	−24·222	− 4	A	...
111					
*	−24·045	+35·338	1·60	42.9122	9·0
...	23·683	+ 6·406	0·80	...	...
...	23·237	+ 7·135	0·65	...	...
*	23·204	−10·529	2·20	43.9276	8·4
..	23·060	+54·482	− 4	...	...
...	−22·420	+48·032	− 5	...	...
*	22·085	−18·414	0·90	...	...
*	22·033	−11·387	1·10	43.9277	9·8
*	21·118	− 8·406	1·10	43.9279	10·0
†	21·078	+24·872	0·80	...	...

NM measured from 1, 231.
ES ,, ,, 91, 343.

121–180

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
121					
*	−21·955	−21·148	1·15	43.9278	10·1
..	20·900	+28·048	−4	..	...
*	20·800	−35·462	1·00	43.9280	10·5
†	20·430	− 4·[illegible]	0·65	...	...
*	20·322	+ 0·644	1·1	43.9281	10·3
*	−19·713	−57·512	1·60	44.9864	9·8
...	19·581	+28·178	−5	M	...
*	19·570	−38·396	1·05	43.9282	10·5
..	19·404	−38·124	0·65	...	...
...	19·330	+17·900	−5	M	...
131					
...	−19·169	− 2·96[illegible]	−3	...	...
...	19·075	−33·114	−1	...	...
..	18·957	− 4·713	−5	M	...
...	18·272	−17·879	−4	...	...
...	18·260	−21·405	−5	M	...
...	18·015	+15·235	0·65	...	...
...	17·838	+20·893	0·70	...	...
...	17·829	+17·259	−5	M	...
..	17·824	+11·251	0·70	...	...
...	17·738	−17·505	−2	...	...
141					
...	−17·714	−57·996	−4	...	...
*	17·380	−46·727	1·10	43.9283	10·3
‡	17·312	−34·848	0·90	...	...
...	16·893	+ 6·327	−3	...	...
...	16·668	+ 8·829	−4	...	...
...	−16·518	+46·936	−1	..	...
...	16·488	+46·837	−4	...	...
..	16·487	−13·412	−4	...	...
...	16·257	−25·879	0·65	...	...
...	15·978	−52·791	0·65	...	...
151					
...	−15·902	−31·412	−3	...	...
...	15·451	−12·244	0·70	...	...
S ‡	15·318	−25·003	2·10	43.9284	8·7
...	14·543	− 3·916	−5	M	...
...	14·505	+27·580	−5	M	...
...	−14·437	− 9·724	−4	...	...
...	14·382	+ 5·232	−1	...	...
...	14·333	+ 9·681	−5	M	...
*	14·321	−48·101	1·50	43.9285	9·6
...	14·091	−58·606	−1	...	...
161					
..	−13·911	−46·723	−1		...
...	12·972	+12·409	−3	...	...
.	12·825	+25·289	−5	...	..
*	12·269	−48·386	1·50	43.9286	9·6
...	12·202	+20·288	−2	...	...
*	−12·129	− 5·967	1·00	42.9124	10·4
...	12·115	−13·55[illegible]	−5	M	...
...	12·094	−57·271	−5	.	...
†	11·740	−39·832	−3	...	...
...	11·363	+23·724	−2	.	...
171					
*	−11·124	+47·605	1·15	42.9125	10·2
*	10·947	− 1·543	0·90	...	...
	10·[illegible]	−11·940	−2	...	...
	10·[illegible]	+27·941	0·70	...	...
.	10·179	−31·984	−4	...	...
...	−9·[illegible]	+25·168	−3	.	.
...	9·823	−41·[illegible]	−2	.	..
	9·807	−28·243	−5	..	..
...	9·8[illegible]	+2·[illegible]	0·90	..	...
..	9·362	−34·230	−5	M	...

181–240

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
181					
*	− 8·998	+54·926	1·10	42.9127	10·4
... [	8·959	+15·091	−4	M	...
n * [	8·874	+15·126	1·10	42.9126	7·2
...	8·738	+17·628	−5	M	...
...	8·663	−12·622	0·65	...	...
...	− 8·645	+17·774	−5	M	...
S n ‡	8·590	+14·950	3·00	42.9126	7·2
...	8·449	+57·283	1·00	42.9128	10·4
...	8·076	+55·516	−1	...	...
...	7·906	−56·483	0·85	...	...
191					
...	− 7·773	−10·483	−1	A	...
*	7·525	+42·681	1·00	...	...
..	7·524	−13·593	−3	...	.
...	6·934	−37·008	0·70	...	.
*	6·846	− 9·220	0·90	...	
.	− 6·622	−16·052	0·65	...	
...	6·435	+ 2·284	−5	M	..
...	6·428	+21·799	0·80	...	..
†	6·343	+ 5·0[illegible]	0·65	...	
*	6·205	−31·632	0·95	...	
201					
...	− 6·169	+ 9·791	−5	M	
..	6·130	+32·182	0·65	...	
...	5·960	−57·013	−4	m	
...	5·954	−22·881	0·80	..	
...	5·764	− 7·896	0·75	...	
†	− 5·601	+29·901	−1	..	
*	5·482	−20·765	0·90	..	..
‡	4·940	+31·355	1·30	42.9129	9·5
...	4·501	−47·893	−5	M m	...
...	4·038	− 7·178	−5	M m	.
211					
...	− 3·913	+10·508	−1	m	...
...	3·563	+26·912	−4	m	.
*	3·519	−22·769	0·95	...	...
...	3·241	+13·543	−4	M m	...
*	3·134	+30·754	2·80	42.9130	7·6
...	− 3·130	− 0·629	0·75	m	...
...	2·680	− 1·249	−4	M m	
...	2·480	+52·643	−1	...	
...	2·446	−24·199	−4	m	
...	2·425	−11·832	0·80	m	...
221					
...	− 2·344	+38·096	−5	M m	..
...	1·916	+56·046	0·90	...	.
...	1·316	−53·361	−5	m	...
*	0·989	+22·784	1·40	42.9131	9·8
...	0·778	+22·289	0·90	...	...
*	− 0·630	−14·284	1·20	43.9287	10·1
*	0·500	−58·949	1·00	...	...
.	0·465	−15·086	−5	M m	...
...	0·139	−33·332	−3	m	...
	− 0·027	+22·671	1·05	42.9132	9·9
231					
...	+ 0·334	−41·818	−3	m	...
+	0·657	+ 5·[illegible]42	1·50	43.9288	10·0
	0·837	−16·000	0·90	...	...
...	0·937	−58·909	−5	m	...
*	1·1[illegible]	−45·4[illegible]3	1·00	42.9133	10·4
	1·425	+47·[illegible]09	−5	m	...
	1·426	+26·629	1·05	42.9134	9·9
	1·650	−47·014	0·95	...	...
	1·707	+44·470	0·65	...	...
	1·972	−42·227	0·[illegible]5	m	...

241–300

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
241					
...	+ 2·206	+ 7·989	−5	M m	...
*	2·416	−37·946	1·10	...	.
†	2·612	−39·821	0·70	m	...
..	2·627	−35·633	−5	M m	...
.	2·962	−19·676	0·90	...	.
*	+ 3·536	−46·225	1·00	...	...
...	3·713	+ 4·631	0·80	..	...
.	3·899	−54·166	−5	m	...
..	4·067	+11·669	−3	M m	...
*	4·642	+12·439	1·05	42.9135	10·0
251					
..	+ 4·839	−40·413	0·95	...	...
*	5·227	+38·368	1·00		...
...	5·353	+31·494	−2	.	.
...	5·370	+40·796	0·80	.	
...	5·602	+31·720	−5	m	...
*	+ 5·680	+ 9·066	0·90	...	...
S *	5·801	+15·148	1·80	42.9136	9·4
...	6·053	−18·256	0·70	h	...
..	6·087	−31·535	−4	m	.
*	6·381	−36·673	1·00	..	...
261					
...	+ 6·981	−10·542	−5	m	...
‡	7·010	−19·858	1·00	43.9289	10·0
*	8·270	+ 3·703	1·00	...	...
...	8·536	−14·262	−5	m	
...	8·734	−34·139	−5	m	
...	+ 9·449	−22·704	0·80	h	.
...	9·774	−50·370	−5	m	...
*	9·791	−38·102	2·00	42.9137	9·0
*	10·074	+30·685	1·05	...	.
...	10·237	+ 1·105	0·65	h	
271					
...	+10·319	+21·270	0·80	..	.
*	10·683	− 2·885	1·60		...
...	11·287	+56·982	0·75		...
...	11·465	+37·591	0·80	...	...
...	11·479	+32·676	−5	m	...
...	+11·749	+31·698	−5	m	...
...	11·792	−30·284	−4	m	...
...	12·089	−18·055	0·85	h	...
...	12·309	+51·598	−5	...	...
...	12·548	−16·160	−5	m	
281					
...	+12·698	+12·529	0·65	...	
...	12·990	−17·017	0·80	h	...
*	13·473	+42·960	1·60	42.9138	9·6
...	13·485	−58·332	−5	m	...
...	13·823	+11·773	0·70	...	...
S *	+14·282	−13·580	1·80	43.9290	9·8
..	14·799	−12·736	0·80	h	...
†	14·877	+39·655	0·80	...	...
...	15·184	−41·829	−4	m	...
S *	15·505	+33·133	2·00	42.9139	8·8
291					
*	+15·738	−52·017	1·15	43.9291	10·0
*	16·169	−40·094	1·80	43.9292	9·6
...	16·312	+22·687	0·80	...	.
*	17·165	−54·158	1·15	...	
...	17·169	−3·[illegible]46	0·75	h	
...	+17·373	+21·785	−5	m	
...	17·454	−19·[illegible]05	0·70	h	
...	17·567	−20·983	0·80	h	...
*	17·842	−10·520	1·05	...	
..	17·854	+22·812	−5	m	.

[illegible] [illegible], C.P.D., probably mass.

301 350

Notes.	Co-ordinates. x	y	Diam. t.	C.P.D. No.	Mag.
301					
...	+17·869	−28·367	0·75	*h*	..
..	17·957	+22·004	− 5	*m*	
	17·961	− 9·653	0·90	.	
...	17·978	+ 0·579	0·80	...	
	18·153	+51·949	− 4	...	
	+18·638	+12·400	0·70	.	
	18·738	+52·270	− 1	...	
	19·299	+18·420	0·80	..	
	19·664	−18·381	0·75	*d*	
*	20·264	+11·715	1·00	...	
311					
*	+20·519	−58·621	1·15	...	
...	20·570	−56·736	− 4	*m*	..
...	21·370	+48·149	− 5	...	
...	21·706	− 4·421	− 4	*m*	
...	21·931	−18·231	− 5	*m*	
*	+22·681	−52·479	1·20	...	
...	22·669	+55·944	− 1	...	
...	22·867	−45·455	− 5	*m*	...
*	22·921	+35·571	1·70	42.9140	9·5
...	23·067	−12·863	− 3	*m*	...
321					
...	+23·103	+20·695	0·80	...	...
*	23·876	− 9·537	1·60	43.9293	9·8
...	24·220	+10·441	− 5	*m*	...
...	25·176	−56·985	− 4	*m*	...
‡	25·224	+15·022	0·90	...	...
...	+25·380	−30·288	− 5	*m*	...
*	25·687	+ 6·756	1·05	42.9141	10·4
...	25·800	−50·425	0·80	...	...
...	26·164	−41·859	0·70	*h*	...
...	26·314	+52·904	− 4	..	...
331					
..	+26·361	+10·849	− 5	*m*	...
..	26·918	+18·102	0·80	...	...
	27·200	−46·242	0·95	...	...
	27·200	−36·539	0·70	*b*	...
*	27·313	−37·188	1·60	43.9294	10·0
...	+28·460	+34·686	− 5	...	...
*	28·663	+ 8·273	1·00	...	...
..	28·786	−35·697	− 5	*m*	...
	28·933	+57·290	− 4	...	
...	28·957	−53·790	− 5	*m*	
341					
..	+29·194	+ 8·617	− 5	*m*	..
...	29·762	+47·855	0·80	...	.
...	30·188	−30·595	0·80	...	...
*	30·590	+ 4·759	1·00	43.9295	10·4
.	31·025	+47·267	0·90	...	...
.	+31·597	−23·494	− 5	*m*	...
*	31·801	−41·405	1·10	43.9296	10·0
*	31·980	−23·814	1·00	43.9297	10·0
...	32·036	+ 1·934	− 5	*m*	...
..	32·084	−16·374	− 5	*m*	...

351 400

Notes.	Co-ordinates. x	y	Diam. t.	C.P.D. No.	Mag.
351					
.	+32·448	−29·608	− 5	*m*	...
.	32·458	−21·551	− 5	*m*	...
	33·279	−16·323	0·95	...	...
	33·434	−53·865	− 5	*m*	...
	33·478	− 5·780	0·65	*h*	...
	+33·566	− 8·606	0·90	...	...
	33·653	+ 6·114	5	*m*	...
	33·945	−14·475	− 2	*h*	...
..	35·224	+49·962	0·70	...	...
*	36·310	−50·386	2·00	43.9298	9·4
361					
...	+36·341	− 4·385	0·65	*h*	...
...	36·370	−24·349	0·90	...	...
...	36·748	+20·458	− 3	...	...
...	37·453	+ 53·620	0·65	...	...
...	37·564	+35·889	− 5	...	...
...	+37·683	+56·025	0·65	...	...
...	38·030	−34·517	− 2	*m*	...
...	39·077	− 6·535	− 3	*m*	...
...	39·445	+11·551	− 5	*m*	.
‡	39·840	+ 0·885	1·00	...	...
371					
...	+40·254	+18·123	− 3	*m*	...
...	40·340	+ 4·664	− 2	...	.
...	41·377	+30·800	− 5	*m*	...
*	41·542	− 5·943	1·35	43.9299	10·0
...	41·663	−39·489	0·75	*h*	...
S *	+41·926	−18·648	1·90	43.9300	9·2
...	42·020	− 8·717	− 5	*m*	...
...	42·190	−57·719	− 1	...	...
...	42·533	+28·025	− 5	...	...
*	42·764	+13·462	0·95	...	...
381					
...	+43·279	+50·731	− 4	...	...
*	43·544	−40·156	1·80	43.9301	9·8
S *	43·640	−45·449	1·70	43.9302	10·0
...	43·663	−29·295	− 5	*m*	...
...	44·024	−16·644	0·80	...	...
S *	+44·328	+30·130	1·25	42.9143	9·9
*	44·468	−36·794	1·70	43.9303	9·8
†	44·925	−27·782	0·85	...	...
*	45·013	+28·716	1·15	42.9144	10·2
...	45·394	−26·374	− 3	*m*	...
391					
...	+45·485	− 1·748	0·75	*h*	...
...	45·746	−34·684	0·75	...	...
*	45·940	−23·991	1·80	43.9304	9·6
*	46·516	−18·296	1·35	43.9305	9·8
...	46·674	+ 8·500	− 2	...	...
...	+48·553	−14·786	− 5	*m*	...
*	48·625	+37·076	1·25	42.9145	10·0
...	49·153	−27·799	− 3	*m*	...
*	50·039	+ 5·192	0·95	...	...
*	50·689	+ 3·044	0·90	...	...

401 430

Notes.	Co-ordinates. x	y	Diam. t.	C.P.D. No.	Mag.
401					
...	+51·235	+32·882	− 2	...	...
...	51·235	−11·576	0·75	*e*	.
*	51·683	+47·919	2·20	42.9146	9·0
...	51·901	−43·128	1·00	...	...
...	52·067	−17·201	0·75	*e*	..
..	+52·085	−30·213	− 5	*m*	...
...	52·152	−23·064	0·70	...	...
*	52·207	−30·335	1·60	43.9306	9·4
*	52·526	−13·872	1·05	...	...
...	52·542	+47·021	1·05	42.9147	10·2
411					
...	+52·755	−32·992	1·00	...	...
...	52·993	− 1·061	0·65	*e*	.
...	53·087	−27·036	− 5	*m*	...
†	53·290	−14·861	− 5	*m*	...
...	53·728	− 3·294	0·75	...	
...	+53·785	−20·656	− 5	*m*	..
...	54·065	−33·833	0·80	...	...
†	54·073	+15·003	− 4	...	.
...	55·194	−18·412	− 3	...	..
...	55·245	− 4·685	− 1	*e*	...
421					
†	+55·385	−29·910	− 1	*e*	..
...	55·628	+59·243	− 4	...	..
...	55·674	−28·144	− 5	*e*	..
...	55·692	+27·062	− 5	*m*	.
...	56·020	−23·847	− 5	*m*	...
...	+56·116	+48·520	− 5	...	...
S *	56·533	−37·187	2·00	43.9307	9·0
...	56·816	− 9·443	0·90	...	...
...	58·112	+ 8·866	− 5	...	...
...	59·716	−31·198	1·00	...	...

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
1–60					
1					
...	−59·489	−32·754	−5	..	...
...	59·47[illegible]	+47·807	1·60	42.9146	9·0
...	59·12[illegible]	+ 2·819	0·95	...	...
..	58·603	+46·928	1·05	42.9147	10·2
...	58·150	−11·686	−3	E	...
...	−57·154	−17·278	−5	E	...
..	56·879	−23·117	−5	...	..
.	56·774	−13·931	1·00	...	..
...	56·708	− 1·104	−4	E	...
..	56·619	−30·391	1·40	43.9306	9·4
11					
...	−56·520	−43·187	0·80	...	...
...	56·094	+14·984	−5	...	...
...	55·984	−33·036	0·80	...	...
..	55·885	− 3·321	0·70	..	...
...	54·654	−33·844	0·70	...	...
...	−54·343	− 4·667	−3	E	..
.	53·969	−18·389	−4	...	...
...	53·483	−29·884	−5	E	...
...	53·210	−28·112	−5	E	...
...	52·619	− 9·381	0·80	...	..
21					
S *	−52·079	−37·115	2·50	43.9307	9·0
	49·642	−38·824	−5	M	...
	49·064	+ 5·343	−5	...	...
...	49·063	−31·052	0·95	...	...
...	48·877	−14·763	−1	...	...
.	−48·211	−52·605	1·05	43.9308	10·0
	47·951	−28·802	−1	...	...
S *	47·179	+23·538	2·40	42.9148	8·6
...	46·800	+ 7·856	1·10	42.9149	9·9
...	46·605	−46·077	1·00	43.9309	10·0
31					
...	−45·906	+38·770	0·65	...	...
...	45·619	−32·785	1·40	43.9310	10·0
..	45·5[illegible]	+13·430	0·70	...	.
	44·493	−17·873	−5	M	...
.	44·375	−17·321	0·65	...	...
...	−43·816	+24·915	0·65	...	
...	43·242	+24·404	0·70	...	...
	43·141	− 4·502	−4	M	...
	42·883	−33·036	1·80	43.9311	9·6
*	42·804	+ 2·571	1·60	43.9312	9·6
41					
..	−41·350	+29·875	−5	.	...
	40·128	−34·100	1·00		.
.	39·737	+37·909	−1	...	
...	39·380	+31·292	1·00	...	...
...	39·346	+38·451	−3	...	...
...	−39·[illegible]	−53·132	0·70	...	
	38·416	+ 1·314	−5	...	..
†	37·777	+ 4·874	−3	...	...
	37·713	−40·731	−5	M	..
...	36·945	−51·236	−4	M	...
51					
.	−36·440	−11·[illegible]	1·50	43.9313	9·6
	35·704	−59·364	2·80	44.9889	8·8
	35·151	−55·[illegible]	1·1[illegible]	44.9891	10·0
	35·149	− 1·271	0·70	E	...
...	34·962	−21·740	1·30	43.9314	10·0
S *	−34·[illegible]	−44·5[illegible]	2·50	43.9315	8·8
..	33·949	−19·233	0·65	...	...
..	33·901	+40·732	−1	...	...
S *	33·716	−22·633	2·90	43.9316	8·2
...	33·320	+51·561	−1	...	...
61–120					
61					
...	−33·317	+25·259	−1	...	...
..	33·258	+15·032	−5	M	..
...	32·996	+15·580	−5	...	...
...	32·827	−42·588	−5	M	...
...	32·785	+ 3·197	−3	...	...
...	−32·408	+ 3·038	0·70	...	...
..	32·388	−30·194	−5	M	...
...	30·943	+58·782	−1	...	...
...	30·435	− 8·383	0·70	B	...
...	30·126	− 5·995	0·75	...	...
71					
...	−28·748	+38·333	−5	...	...
..	28·453	−33·310	1·35	43.9317	10·0
...	28·073	−15·292	−2	B	...
...	26·949	+ 3·542	1·10	...	...
.	26·653	+54·369	0·95	...	...
...	−26·536	+16·336	−2	...	...
...	26·338	+59·101	1·10	42.9150	10·8
...	25·208	−11·185	0·70	...	...
‡	24·813	+26·478	2·00	42.9151	8·6
...	24·180	−51·275	1·25	43.9318	10·0
81					
...	−24·027	−37·346	−4	M	...
...	23·869	−36·351	0·70	...	...
S *	23·765	+55·043	2·80	42.9152	8·0
...	23·640	− 0·273	1·25	43.9319	10·0
..	23·349	−39·097	0·90	...	...
...	−22·977	+18·622	0·75	..	...
...	22·639	+33·704	1·20	42.9153	10·6
...	21·741	+26·733	−3	...	...
...	21·270	+39·176	0·90	..	...
...	20·791	+35·325	1·00		...
91					
...	−20·102	− 9·822	−2		.
†	19·941	+58·367	−1	...	..
...	18·729	+48·172	−1	..	
...	16·010	+56·107	−3		...
..	15·980	+45·007	0·70	.	...
...	−15·950	+32·810	0·80	..	...
..	15·854	−24·178	1·05	43.9320	9·8
.	15·489	−14·418	−4	M	...
...	15·127	+24·659	1·00	42.9154	10·9
...	13·710	+16·256	−2	...	...
101					
...	−12·793	+15·080	−2	...	...
...	12·647	+32·784	1·00	42.9155	10·8
...	12·164	−29·768	−3	M	...
S *	12·063	+ 8·401	2·70	42.9156	8·0
...	9·265	+ 3·074	−3	...	..
...	− 8·510	+25·626	−1	...	...
	7·721	+20·092	1·60	42.9157	9·5
	7·392	− 1·569	−5	M	...
	7·329	+42·167	1·15	42.9158	10·6
..	6·734	−32·261	0·9	...	...
111					
...	− 6·344	−55·618	1·20	44.9897	10·0
	5·118	+35·658	−3	...	...
	5·107	+10·755	−4	M	..
	4·570	−14·026	1·40	43.9321	9·8
	4·475	+38·496	−5		...
	− 4·464	− 5·316	1·15		.
.	4·403	+48·469	−5		..
...	4·142	−39·574	−1	...	...
	3·887	−45·603	1·50	43.9322	10·0
S	3·512	+33·398	1·80	42.9159	9·2
121–180					
121					
...	− 3·246	+50·493	−4	...	...
...	2·544	−12·646	−3	M *m*	...
...	0·850	−24·328	0·75	B *m*	...
..	0·834	−13·535	−4	M *m*	...
...	0·601	+ 1·373	0·65	...	...
..	− 0·399	+ 9·328	−4	...	..
..	0·365	+58·604	0·85	42.9160	10·9
...	0·330	+40·662	−2	...	...
...	0·257	−35·750	−3	M *m*	.
..	0·097	− 4·663	−3	M *m*	...
131					
...	+ 0·216	+35·185	−5	...	...
...	0·612	+11·733	0·65	...	..
...	1·087	+52·942	−5	...	.
...	1·838	−59·029	−5	M *m*	.
...	2·221	+56·956	−5	..	.
...	+ 2·638	−29·023	−5	M *m*	.
...	3·062	+ 3·326	−5	...	...
..	3·303	−53·746	0·95	..	
...	3·666	+26·571	1·20	42.9161	10·0
*	3·808	+ 3·456	2·00	43.9323	9·4
141					
..	+ 4·824	−18·389	0·65	B *m*	...
...	5·643	−38·288	−5	*m*	...
..	6·106	+13·130	0·90	...	...
	6·126	−26·420	0·95	43.9324	10·0
.	6·548	+ 5·366	−3	..	...
..	+ 7·689	−41·960	−5	*m*	...
S	7·774	−32·781	1·40	43.9325	9·6
...	7·782	+36·384	−4	...	..
...	7·851	+24·178	0·75	...	...
...	8·208	−40·316	−5	*m*	...
151					
*	+ 8·598	− 7·157	1·60	43.9326	9·8
...	8·644	−56·350	−1	*b*	..
	10·400	−15·617	−4	*m*	...
...	12·019	−18·902	1·05	...	...
...	12·398	+19·565	1·05	42.9162	10·6
‡	+12·482	−30·064	−5	*m*	...
.	12·922	−30·561	−5	*m*	
..	13·521	+20·440	−5	...	..
..	13·584	− 12·241	0·70	*b*	..
...	13·717	− 8·836	−5	*m*	...
161					
..	+13·816	+48·871	0·90	...	...
...	15·591	−18·716	1·00	43.9327	10·0
.	15·686	− 6·468	−5	*m*	...
S *	15·780	+ 2·266	2·30	43.9328	9·2
...	17·868	−46·569	0·90	..	...
..	+18·322	+50·562	−5	...	...
...	18·5[illegible]	+43·374	1·30	42.9163	10·5
...	18·654	−59·134	0·80	..	.
	18·737	− 2·976	1·10	...	
...	19·498	+29·101	0·80	..	.
171					
..	+20·409	−31·909	−4	*m*	...
...	20·982	+31·655	0·85	...	...
...	21·024	−46·149	−5	*m*	...
N [	22·563	+44·469	0·70	...	.
...	22·745	−27·684	0·70	.	..
.	+23·135	−22·079	0·80	.	
...	23·387	+ 6·697	0·90		..
	23·841	+30·791	0·70		...
...	24·167	+27·660	−5		.
...	24·196	+15·584	0·90	42.9164	10·9

NM increased from 1·131.
LS " " 71, 193.

174. Mass. 42°·126, two stars.

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
181–210					
181					
...	+25·488	−57·495	− 5	*p*	...
...	26·084	−59·765	1·00	...	...
...	26·348	−41·459	− 4	*m*	...
...	26·880	−22·009	1·00	43·9329	10·0
...	26·921	−40·562	− 5	*m*	...
†	+27·812	−49·970	− 4	..	...
...	27·854	−37·674	0·65	..	...
*	28·703	−27·688	1·70	43·9331	9·4
...	28·804	−19·782	1·10	43·9330	10·0
...	28·862	−38·515	1·00	.	..
191					
...	+29·187	+51·034	− 4		...
†	29·950	+30·389	0·80	.	..
†	29·996	+59·287	0·75		.
...	30·682	+ 9·372	− 3		...
...	31·134	−10·594	− 1	*a*	..
...	+31·138	−54·583	− 3	*b*	...
...	31·990	−53·336	1·20	43·9332	10·0
...	32·124	+51·294	0·95	42.9165	10·8
...	32·274	+39·367	− 4	..	...
...	32·976	−32·445	− 1	*b*	...
201					
...	+33·650	−38·209	0·80	...	...
...	34·194	−29·526	1·60	43.9333	9·8
...	34·655	+20·886	1·05	42.9166	10·9
...	35·776	+46·973	− 5	...	...
S *	36·820	−14·764	2·00	43.9334	8·8
...	+38·448	+ 9·592	1·00	42.9167	10·8
...	39·326	+56·727	1·80	42.9168	9·5
...	39·420	− 7·128	0·90	...	...
...	40·308	−54·077	1·10	43.9335	10·0
...	41·080	+50·897	0·95	42.9169	10·9

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
211–240					
211					
...	+41·551	−52·997	0·90	...	...
..	42·078	+28·934	0·90	...	...
	42·569	−18·848	1·05	43.9336	10·0
...	45·062	−36·081	− 5	*m*	...
	45·400	+16·757	− 5	...	...
.	+45·616	−35·409	1·20	43.9337	9·8
...	45·895	−39·318	1·10	43.9338	10·0
...	46·337	+11·163	1·40	42.9170	9·8
...	46·369	+ 3·326	1·30	43.9339	9·8
S	47·488	+ 8·465	1·80	42·9171	9·5
221					
...	+47·771	+ 8·541	− 5	...	...
...	47·905	+20·111	1·00	42.9172	10·5
...	48·109	+11·314	0·90	...	...
	48·320	−45·682	− 5	*m*	...
..	48·544	+34·506	0·90	...	...
...	+48·752	− 3·211	1·00	43.9340	10·0
...	49·074	+23·544	1·05	42.9173	10·6
†	49·082	− 5·079	0·80	...	...
...	50·772	−44·667	− 3	*e*	...
...	51·058	−53·731	1·30	43.9341	10·0
231					
...	+51·869	− 2·615	− 5	*m*	..
†	52·055	−39·965	0·90	...	...
...	52·354	−35·518	0·85	...	...
...	53·071	−22·786	0·90	...	..
..	53·497	−46·568	0·70	...	...
...	+53·601	−25·911	− 4	*e*	...
..	54·346	−37·307	1·00	...	...
...	55·687	−14·503	0·65	...	...
...	55·976	+ 7·613	− 5	...	...
...	56·099	−50·153	− 5	*e*	...

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
241–250					
241					
...	+57·692	+ 9·986	0·90	...	...
	57·915	+25·155	1·20	42.9174	10·1
	57·971	− 4·030	1·00	...	...
...	58·189	+ 8·758	− 3	...	...
...	58·329	+53·961	1·00	42.9175	10·2
	+58·437	−27·881	− 5	*e*	...
	58·597	−23·126	− 5	*e*	...
	58·755	+40·994	1·15	42.9177	10·0
...	58·978	+53·681	0·65	42.9176	10·5
...	59·023	−57·918	0·80	...	...

1–20					
1					
...	−57·958	+ 2·532	− 5	...	...
..	57·611	−44·777	− 5	E	...
...	57·469	+ 2·533	− 5	...	...
...	57·345	+37·916	− 5	...	...
...	57·054	−53·828	0·85	43.9341	10·0
..	−56·475	−40·023	0·75	...	...
...	56·301	−35·573	− 1	...	...
...	56·158	− 1·258	− 4	M	...
...	55·961	−22·822	0·85	...	..
...	55·354	−25·917	− 5	E	...
11					
...	−55·354	−26·569	− 4	M	...
...	54·822	−46·584	− 3	...	...
...	54·495	− 8·180	− 5	M	...
...	54·263	−37·292	0·85	...	...
...	54·000	+ 7·642	− 4	...	...
...	−53·610	−14·471	− 1	...	...
...	53·019	+54·042	0·80	42.9175	10·2
*	52·572	+25·244	0·95	42.9174	10·1
...	52·486	+59·060	− 5	...	...
...	52·383	+53·793	0·65	42.9176	10·5

21–40					
21					
†	−52·351	+10·072	0·80	...	...
*	52·207	+41·084	1·00	42.9177	10·0
.	52·111	−50·117	− 5	E	...
.	51·822	+ 8·868	− 4	...	...
...	51·719	−16·907	− 5	M	..
...	−51·638	− 3·934	0·90	...	...
...	50·446	−27·779	− 5	E	...
...	50·442	−23·010	− 5	E	...
...	50·295	− 5·734	− 5	M	...
...	48·981	−57·767	− 1	...	...
31					
...	−47·792	−38·085	− 5	M	...
..	47·540	+33·756	− 3	...	...
...	47·190	+35·648	− 5	...	...
...	46·958	+52·277	0·80	42.9179	10·6
...	46·819	−50·304	0·75	...	...
...	−46·783	− 2·704	− 5	M	...
...	46·370	−42·162	− 5	M	...
...	45·783	+37·097	0·85	42.9180	10·8
...	44·990	+ 3·069	− 5	...	...
...	43·444	+11·021	− 5	...	...

41–60					
41					
...	−43·290	+53·115	− 5	...	...
...	41·863	+39·575	− 5	...	...
N	41·809	+39·463	− 5	...	...
...	41·791	−22·567	− 5	M	...
...	41·642	+35·640	− 5	...	...
...	−41·550	−31·406	0·70	...	...
...	40·930	+16·352	− 5	M	...
...	40·688	+14·318	0·70	...	...
...	40·533	− 6·487	− 5	M	...
...	40·508	+27·455	− 1	...	...
51					
...	−39·930	+59·248	− 5	...	...
...	39·590	+27·304	− 5	...	...
..	38·942	−47·180	− 4	M	...
...	38·789	+47·476	− 3	...	...
...	38·361	+28·367	− 5	..	...
...	−37·179	+49·055	− 5	...	...
...	36·953	−36·287	0·65	...	...
...	34·448	+10·910	− 5	...	...
...	34·334	−47·281	0·80	...	...
...	34·174	−20·438	− 4	M	...

NM measured from 1, 147.
ES ,, ,, 75, 211.

43. Very faint.

61–120

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
61					
..	−34·025	+10·572	−5	...	
...	33·925	−23·164	−5	M	...
...	33·632	−22·706	−1	B	
...	33·171	+55·293	−5	M	...
†	32·824	+10·071	0·70	...	
...	−32·651	−43·459	−5	M	...
...	32·395	+20·886	−5	...	
...	32·224	−20·974	−1	...	...
†	31·981	+ 0·096	−5	M	...
...	31·587	+20·665	0·80	42.9183	10·8
71					
...	−31·023	− 0·392	−5	M	..
...	30·540	−24·492	−5	M	
...	30·404	−34·706	0·70	...	..
...	30·287	+22·535	−4	...	...
	29·186	+36·978	−5	...	...
	−29·168	−50·512	−5	M	...
.	28·838	+46·340	1·05	42.9184	10·0
...	27·756	− 8·489	−4	M	...
...	27·461	+13·476	−2	...	...
...	25·460	−18·530	−3	...	...
81					
*	−25·251	−16·480	1·40	43.9342	9·4
...	24·625	+15·213	−1	...	...
..	24·524	−17·998	−1	...	...
..	23·466	−36·397	−3	A	...
.	23·251	+49·027	0·95	...	...
...	−22·457	+13·374	−5	M	...
...	21·529	−39·961	−2	...	...
...	20·803	−42·858	−1	...	...
S *	20·717	−53·748	1·60	43.9343	9·3
S *	20·307	+53·246	1·20	42.9185	9·6
91					
...	−19·568	− 4·240	−5	M	...
...	19·550	+40·088	−5	...	...
.	19·516	−31·546	−2	A	.
...	18·949	− 7·881	−3	B	...
..	18·772	+56·509	0·70	42.9186	10·9
*	−18·179	+ 4·548	1·05	43.9345	10·0
...	18·115	+ 9·167	−1	...	...
S *	18·087	−24·264	3·00	43.9344	7·0
...	17·902	−45·875	−5	M	...
...	17·739	−23·913	−5	M	...
101					
..	−17·328	− 1·180	0·95	43.9346	10·0
*	16·965	+28·367	1·00	42.9187	10·1
...	16·958	−26·384	−2	...	...
	15·460	+ 0·742	−5	...	...
*	14·353	−16·040	1·30	43.9347	9·6
	−14·279	+ 2·929	−4	...	...
...	14·131	+16·612	0·90	42.9188	10·8
	14·092	+ 5·163	0·85	43.9348	10·0
...	13·896	+47·624	0·75	42.9189	10·9
*	13·023	− 6·573	1·70	43.9349	9·6
111					
...	−12·770	−42·380	0·80	...	...
S *	11·801	−50·092	1·90	43.9350	8·6
.	11·355	− 3·214	−2	B	...
*	11·127	− 2·673	2·00	43.9351	8·8
†	9·730	+ 8·540	0·90	42.9190	10·0
...	− 9·[illegible]	−45·894	0·90	43.9352	10·0
	9·297	+46·097	−3	...	...
	9·201	−33·[illegible]	1·00	43.9353	10·0
.	8·848	+37·[illegible]	−5	...	...
...	8·647	−22·470	−5	M	...

121–180

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
121					
...	− 8·431	+33·669	0·80	42.9191	10·9
...	8·304	−33·135	−3	B	...
...	8·163	+43·239	−2	...	...
.	7·451	+28·044	1·20	42.9192	9·7
.	7·415	−34·878	−1	...	...
...	− 7·215	+ 7·299	0·70	42.9193	10·8
.	7·175	−12·492	−4	M	...
.	6·511	+39·035	−3	.	...
...	6·054	+24·161	−5	..	...
...	5·974	−39·222	0·85	...	...
131					
...	− 5·476	+24·159	−5	..	...
...	5·064	+31·971	−5	...	..
...	3·430	+24·801	−1	...	...
..	2·828	+27·336	−5	*m*	...
...	2·776	+ 5·986	−5	*m*	...
...	− 2·684	+47·959	−5	*m*	...
...	2·331	−49·477	−5	M *m*	...
...	2·220	−50·306	−3	B *m*	...
*	2·198	+35·665	1·05	42.9194	10·1
...	1·516	+43·309	0·85	42.9195	10·9
141					
...	− 1·076	+57·799	0·75	...	...
.	0·786	−49·948	1·70	43.9354	8·8
	0·710	+15·926	1·00	42.9196	10·5
...	0·466	−23·003	−4	M *m*	...
...	0·375	−26·221	−3	M	...
..	− 0·084	− 1·408	−5	M *m*	...
.	+ 1·344	−48·990	1·10	43.9355	9·4
	1·507	−17·433	0·65	...	...
...	1·636	−41·400	0·65	...	...
...	2·438	+24·340	−5	M *m*	...
151					
...	+ 2·465	−15·240	−5	M *m*	...
M *a*	2·827	+ 0·457	0·85	43.9356	10·0
...	3·368	+13·277	−1	...	...
*	3·653	− 4·004	1·00	43.9357	10·0
S *	3·976	+31·777	1·90	42.9197	8·6
...	+ 4·249	−43·399	−5	M *m*	...
*	4·357	−12·673	1·05	43.9358	9·8
...	4·374	−30·505	−5	M *m*	...
..	4·804	+19·203	−1	...	...
...	5·004	+42·207	−4	...	
161					
.	+ 5·090	−17·066	0·75	...	..
...	5·407	−42·011	−5	*m*	.
..	6·173	+23·273	−5	*m*	...
.	6·395	+22·748	1·00	42.9198	9·6
S *	6·458	−23·470	3·20	43.9359	6·4
*	+ 6·745	−53·318	1·80	43.9360	8·6
*	7·366	−23·190	3·20	43.9361	7·6
...	8·358	+51·625	0·80	42.9199	10·2
...	8·716	+47·469	−5	*m*	...
*	9·514	+35·907	1·50	42.9200	9·6
171					
...	+ 9·801	+ 1·238	0·65	...	...
...	10·830	+45·698	−3	...	...
...	11·812	−11·998	0·90	43.9362	10·0
..	12·107	+40·951	−5	...	...
...	12·734	+19·342	0·65	...	...
...	+13·163	−55·890	−5	*m*	...
...	13·494	+29·927	0·75	42.9201	10·9
...	14·614	−22·615	−1	...	...
.	14·690	−59·428	−1	..	...
..	15·820	−20·163	−5	*m*	...

181–240

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
181					
...	+15·936	−14·701	0·85	43.9363	10·0
	16·132	−58·143	−1	...	...
..	16·736	+38·687	0·80	...	...
	16·951	+ 1·048	0·95	43.9364	10·0
	17·370	−37·738	0·90	43.9365	10·0
	+17·386	+39·200	0·75	..	...
	19·405	+ 6·804	−4	...	...
*	20·279	+24·634	1·00	42.9202	10·1
	20·346	−31·791	−5	*m*	...
...	21·051	+21·193	0·95	42.9203	10·6
191					
..	+22·251	−56·995	−5	*m*	...
	22·652	−24·964	−5	...	...
*	22·746	+30·909	1·10	42.9205	9·6
	22·804	+50·211	1·05	42.9204	9·7
..	23·106	+43·616	−5	...	...
...	+23·394	−14·633	−5	*m*	...
...	23·999	+10·319	−5	*m*	...
..	24·189	− 5·814	−5	*m*	...
	25·016	−36·015	−4	*m*	...
...	25·382	−10·859	−1	...	...
201					
†	+25·785	−14·909	0·80	...	...
...	26·050	−40·522	0·65	*a*	...
...	26·854	− 2·477	0·65	*b*	
...	26·928	+35·980	−2	...	...
*	27·605	−21·803	2·00	43.9366	8·6
...	+28·166	+ 14·587	−5	...	...
...	28·914	−54·031	−5	*m*	.
...	29·033	−12·636	0·65	...	...
...	29·105	+42·040	−1	...	...
...	29·316	−56·673	−5	*m*	...
211					
S †	+30·229	−29·009	2·00	43.9367	7·8
S *	30·366	+ 3·120	1·60	43.9368	9·2
*	30·370	−23·111	1·20	43.9369	9·8
..	30·372	+35·225	0·90	42.9206	10·9
.	30·616	−30·750	−1	...	.
.	+31·249	−21·750	−5	*m*	.
	31·546	+53·212	−4	...	.
.	31·872	−50·473	−5	*m*	..
.	32·091	−31·275	−5	*m*	...
..	32·127	−12·173	−5	*m*	.
221					
...	+32·180	−58·370	−5	*m*	.
...	32·434	−20·715	−5	*m*	...
	32·452	−23·470	0·75	...	
.	32·506	+38·339	−3	...	..
.	33·363	−51·279	−4	*m*	..
...	+33·403	+23·990	−5	...	
...	33·409	+ 8·283	−5	*m*	.
..	33·627	−33·467	−4	*m*	
...	33·675	+46·208	−5	...	...
...	33·701	+11·894	−1	...	...
231					
..	+33·851	−15·630	−1	...	...
*	33·989	−41·502	1·05	43.9370	9·8
...	34·408	−13·688	−4	*m*	...
*	34·804	+ 7·776	1·40	42.9207	9·2
	34·936	− 3·572	0·65	...	.
	+35·656	+23·386	−5	*m*	
	37·066	−21·807	−5	*m*	...
*	37·516	−47·446	1·10	43.9371	10·0
*	37·560	+ 6·718	1·20	42.9209	9·5
.	37·964	−56·320	0·90	44.9935	10·0

241–260

Notes	Co-ordinates. x	y	Diam. −3.	C.P.D. No.	Mag.
241					
...	+38·505	+32·736	0·90		
...	38·576	+32·760	·90	42.9210	9·8
...	38·566	− 0·369	− 5	*m*	.
.	38·923	−56·980	− 2	...	.
..	39·522	−30·631	− 5	*m*	.
...	+39·786	+39·619	0·65	...	
.	39·881	−30·398	− 5	*m*	.
..	41·041	−42·949	− 5	*m*	
...	41·146	− 7·371	0·85	...	...
..	41·312	−31·651	− 4	...	...
251					
..	+41·322	+15·883	− 5	*m*	...
...	41·535	−16·893	0·70	...	...
..	41·815	+16·892	0·85	42.9211	10·9
...	42·152	− 1·604	− 5	*m*	...
S *	42·411	−55·343	2·90	44.9936	7·5
..	+42·932	−37·732	0·65	...	...
..	43·501	+38·531	− 3	...	...
	43·596	+10·898	0·80	42.9212	10·9
...	43·796	+ 3·201	− 5	*m*	...
*	43·992	−20·019	1·10	43.9372	9·6

261–280

Notes.	Co-ordinates. x	y	Diam. −3.	C.P.D. No.	Mag.
261					
..	+44·155	+33·271	− 5	...	...
..	45·319	+20·264	0·90	42.9213	10·5
	45·659	+37·681	− 5	...	...
..	46·419	+12·965	− 3	...	...
	47·569	−49·669	0·65	...	...
	+47·976	−21·30	− 3	...	...
	48·064	−25·426	0·80	43.9373	10·0
.	48·840	+ 7·072	1·00	42.9214	10·1
	50·342	+ 6·714	− 5	*e*	...
...	51·427	−28·040	− 5	*e*	...
271					
...	+51·611	+41·494	1·00	42.9215	10·5
	52·130	+22·938	− 5	...	...
...	52·200	−33·933	− 5	*e*	...
	52·600	+43·230	0·80	42.9216	10·9
..	52·943	− 9·465	0·65	...	..
	+53·696	−37·162	1·00	43.9374	10·0
...	53·961	−55·040	1·10	44.9941	10·0
	54·283	−13·178	− 5	*e*	...
...	55·760	+51·674	− 5	...	...
...	56·370	+24·263	− 1	...	...

281 289

Notes.	Co-ordinates. x	y	Diam. −3.	C.P.D. No.	Mag.
281					
...	+56·444	−25·422	1·00	...	...
...	57·202	+49·141	1·20	42.9217	9·7
	57·303	−20·386	0·90	42.9218	10·2
	57·387	−33·947	− 5	*e*	...
	57·493	+37·810	− 4	...	...
	+58·432	−12·725	1·00	43.9375	10·0
	58·715	+14·783	1·00	42.9219	10·6
	58·731	+42·914	− 1	..	...
..	59·869	+17·527	− 5	*e*	...

1–30

1					
..	−59·581	+ 6·572	0·65	E	...
..	59·351	+41·368	1·20	42.9215	10·5
..	58·426	+43·137	1·00	42.9216	10·9
..	58·269	+22·841	− 1	...	..
...	57·461	−28·101	− 3	E	.
...	−57·266	+34·801	− 4	...	...
..	56·499	− 9·524	0·90	...	..
..	56·491	−33·983	− 4	E	..
...	55·506	+51·681	− 3	...	..
...	55·225	+59·754	− 1	A	.
11					
...	−55·044	−13·203	− 2	E	...
*	54·918	−37·181	1·10	43.9374	10·0
*	54·128	−55·036	1·20	44.9941	10·0
...	54·082	+24·294	1·00	...	...
*	53·989	+49·175	1·80	42.9217	9·7
...	−53·675	−53·553	− 5	M	...
...	53·616	−14·454	− 3	M	...
...	53·375	+37·849	0·80	...	...
...	53·280	−14·236	− 5	M	...
*	53·030	+20·444	1·05	42.9218	10·2
21					
*	−52·524	−25·368	1·05	...	...
...	52·286	+42·995	1·00	...	...
*	51·446	+14·891	1·05	42.9219	10·6
...	51·324	−33·868	− 1	E	...
...	50·911	−12·616	1·00	43.9375	10·0
...	−50·409	+17·656	0·65	E	...
...	49·953	−19·912	− 5	M	..
...	49·683	−57·255	− 1	B	...
...	49·464	+17·066	− 4	M	...
...	48·692	−10·722	− 5	M	...

31–60

31					
...	−48·312	− 9·923	− 5	M	...
...	48·039	+25·228	− 5	...	.
...	48·004	+48·090	− 4	...	...
...	47·489	−12·958	− 2	M	...
*	47·192	−38·612	1·10	43.9376	9·8
...	−46·966	+28·702	− 4	...	...
...	46·851	−34·928	1·00	...	...
...	46·482	−14·404	0·90	...	...
*	46·073	−40·357	1·05	...	...
*	45·887	−12·002	1·30	43.9378	9·8
41					
*	−45·388	−49·958	1·15	43.9377	10·0
...	44·280	−30·658	− 1	D	...
...	44·086	−46·264	− 5	M	...
...	44·012	−47·969	0·85	..	..
.	43·142	−19·675	0·75		.
..	−43·141	− 1·197	0·80	B	...
..	42·925	+53·854	0·85	...	
...	42·772	−43·533	0·70	B	..
...	41·941	− 9·632	− 2	M	...
*	41·849	−29·405	1·25	43.9379	10·0
51					
*	−41·535	−43·738	1·10	43.9380	10·0
...	41·458	+14·394	0·70	...	...
S *	41·393	+20·960	1·80	42.9221	8·8
...	41·202	−22·659	0·75	...	...
.	41·197	+47·622	− 4	...	...
...	−41·158	−20·825	− 4	M	...
	41·009	−49·068	− 4	M	...
*	40·083	+57·497	2·00	42.9222	9·4
...	39·945	−17·650	0·95	...	..
*	39·850	− 6·161	1·05	43.9381	10·6

61–90

61					
†	−39·479	− 4·902	0·80	B	
...	39·452	+20·251	0·65	A	.
..	39·309	−17·476	− 3	M	..
.	39·205	−36·014	− 4	M	..
.	39·111	+41·919	0·80	...	...
	−38·999	−31·099	− 5	M	
..	37·196	+34·949	− 3	.	
...	37·022	+11·699	0·90	...	...
.	36·891	+30·725	0·70	...	...
..	36·508	−30·578	− 5	M	...
71					
...	−36·329	−22·088	− 5	M	...
.	35·417	−17·895	0·90	...	..
†	35·326	+ 2·447	− 1	...	...
...	35·152	−46·120	− 4	M	...
*	34·152	+41·520	1·05	42.9223	10·8
.	−33·863	+10·475	− 5	M	...
...	33·566	+ 1·828	− 5	M	...
*	33·463	−58·131	1·80	44.9950	9·8
...	32·208	+42·461	− 4	...	...
...	32·035	+41·355	0·85	...	...
81					
...	−31·918	−15·442	0·70	B	.
...	31·535	+19·251	− 5	M	..
...	31·410	+15·370	− 5	M	...
.	31·124	−35·216	− 5	M	...
...	31·093	−45·558	1·00	...	..
..	−30·894	+33·100	0·80	...	...
*	30·862	−11·991	1·05	43.9382	10·6
..	30·623	−52·000	− 2	M	...
.	30·105	−21·182	0·70	B	...
...	29·692	+33·964	− 5	M	...

ES measured from 1, 211.
NM ,, ,, 89. 300.

91–150

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. o·8o.	C.P.D. No.	C.P.D. Mag.
91					
...	−29·370	−32·857	− 5	M	...
...	29·088	+15·486	− 3	M	
†	28·990	−44·798	− 3	M	.
	28·986	+31·548	− 5	M	
	28·925	+21·573	0·80	...	...
...	−28·589	−43·595	− 5	M	. .
.	28·457	+52·809	0·65	...	...
.	28·276	+18·456	0·85	..	..
...	28·021	+ 4·043	0·75	..	...
..	27·830	+ 6·985	− 5	M	...
101					
*	−27·304	+59·301	1·40	42.9225	10·0
...	27·008	+29·080	0·95	42.9226	10·9
*	26·685	− 4·380	1·05	43.9384	10·2
S	26·649	−40·832	2·50	43.9383	7·9
..	25·619	−35·888	0·70	D	...
...	−24·296	+18·977	0·70	A	...
..	24·164	+25·459	− 1	...	...
..	23·864	−15·136	0·70	A	...
	23·837	−17·357	− 5	M	. .
...	23·147	+42·402	0·85	..	.
111					
...	−22·983	+20·433	− 5	M	..
*	22·975	+22·269	1·20	42.9228	9·7
*	22·571	+31·523	1·00	42.9229	10·6
*	22·455	+27·655	0·95	...	...
*	22·435	−38·088	0·95	...	...
...	−21·937	−19·458	− 3	M	...
*	21·386	−19·232	1·10	43.9385	10·4
. .	21·263	−48·729	0·85	...	...
...	21·224	−13·680	− 5	M	...
. .	21·017	−58·313	− 4	M	...
121					
...	−20·606	+36·851	− 4	M	...
...	20·442	−19·918	0·70	A	...
*	20·284	−37·724	1·00	43.9386	10·3
...	20·259	+43·499	− 5	M	...
...	20·240	−22·675	0·90	...	...
.	−20·162	+ 4·824	0·65	D	..
...	20·027	+ 1·498	0·70	B	...
.	19·478	−41·290	− 4	M	...
	19·210	+51·573	1·00	..	.
...	18·834	+42·263	0·80	..	.
131					
...	−18·548	−44·411	− 5	M	.
.	18·358	+11·940	0·70	A	.
...	18·307	−16·563	− 5	M	...
	17·896	−15·470	− 5	M	..
.	17·870	+32·207	− 5	M	.
	−17·532	+48·747	− 5	..	...
‡	17·324	+20·085	1·20	42.9230	9·8
...	16·446	−52·594	− 5	M	...
	16·434	− 8·274	0·80	D	. .
...	16·349	+ 0·974	0·80	...	...
141					
...	−15·976	−21·317	− 5	M	..
	15·933	−43·551	1·00	43.9387	10·4
...	15·724	− 3·721	0·70	D	...
	15·636	+ 0·709	0·80	..	...
S	15·305	−47·298	4·3	43.9388	6·2
.	−15·232	− 2·413	0·70	D	...
. .	14·991	− 0·769	0·75	D	...
.	14·766	−30·910	− 5	M	...
...	14·728	−49·217	− 5	M	...
...	14·536	− 5·693	− 5	M	...

151–210

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. o·8o.	C.P.D. No.	C.P.D. Mag.
151					
..	−14·365	+17·533	0·70	A	...
...	14·146	+13·430	0·90	..	...
...	13·934	− 5·749	− 5	M	...
...	13·725	+47·474	0·90	...	
...	13·547	−34·038	− 5	M	...
...	−13·521	−31·604	0·70	B	...
..	13·382	−34·639	0·80	B	...
*	12·811	−32·950	1·35	43.9389	9·6
...	12·497	−30·551	− 3	M	...
...	12·378	−30·614	0·70	D	...
161					
.	−12·376	−49·804	− 4	M	...
*	12·236	−17·205	1·50	43.9390	9·8
...	12·175	+31·479	0·70	M	...
*	12·144	−13·678	1·00	43.9391	10·6
...	11·957	−43·302	0·90	...	...
*	−11·528	−29·208	1·30	43.9392	10·0
..	11·408	+ 8·715	0·75	...	..
..	11·406	−10·125	− 5	M	...
...	11·243	−15·084	− 5	M	...
...	11·190	+ 2·010	0·75	M	...
171					
...	−11·070	+ 6·985	− 5	M	. .
...	10·814	+19·799	− 5	M	...
..	10·585	− 4·449	0·75	D	...
...	10·511	+11·461	0·70	B	. .
.	10·262	+13·290	0·80	B	...
...	−10·224	+29·442	0·75	M	...
...	9·944	+14·052	− 4	M	...
...	9·545	−12·015	− 4	M	...
...	9·512	+13·238	− 5	M	...
...	9·431	+20·991	− 3	M	...
181					
...	− 9·249	+27·564	0·70	...	...
...	9·239	−48·982	− 5	M	...
...	9·165	+59·575	− 5	M	...
...	8·224	+ 8·073	0·70	M	...
...	7·859	−33·265	− 5	M	...
...	− 6·834	+19·436	0·70	M	...
...	6·260	−35·199	− 4	M	...
...	6·180	−28·599	− 5	M	...
...	6·099	−22·060	− 3	M	...
...	5·882	−55·845	1·00	...	...
191					
...	− 5·701	−33·724	0·80	B	...
...	5·649	− 5·704	− 4	M	...
*	5·154	−53·126	1·10	43.9393	10·3
.	4·882	− 3·778	0·70	D a	...
...	4·596	−38·729	0·65	M	...
...	− 3·970	+34·252	0·80	...	..
S	3·805	+22·402	1·30	42.9231	9·2
S *	3·573	− 2·842	1·80	43.9394	9·0
...	3·457	+ 1·897	0·70	M m	...
*	3·069	−54·013	1·10	44.9965	10·6
201					
.	− 3·031	−55·134	− 5	M m	...
.	2·643	+40·460	− 5	M m	...
..	2·421	+45·453	0·70	...	...
	1·706	+21·185	1·00	...	...
	1·372	− 4·720	0·80	M	...
*	− 1·025	+12·468	0·95	42.9232	10·9
..	0·851	−11·804	0·80	M	...
*	0·770	+ 0·962	1·00	43.9395	10·6
.	0·572	+18·240	− 3	M m	...
†	0·532	+24·613	0·90	42.9233	10·9

211–270

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. o·8o.	C.P.D. No.	C.P.D. Mag.
211					
...	− 0·325	+47·013	− 4	M	...
*	− 0·132	−21·390	1·15	43.9396	10·0
*	+ 0·015	−34·078	1·05	43.9397	10·6
*	0·610	−43·155	1·10	43.9398	10·6
...	0·738	+32·931	0·90	m	...
.	+ 0·858	− 4·144	− 2	M m	..
..	1·126	−39·018	− 5	M m	...
...	1·415	+34·680	0·70	...	...
...	1·485	+11·268	− 5	M m	...
...	1·631	− 1·327	0·65	M	...
221					
S *	+ 1·649	+57·968	1·90	42.9234	9·0
...	1·897	−39·920	0·70	M	...
...	1·927	+18·615	− 2	M	...
*	2·089	+22·747	1·70	42.9235	9·2
..	3·353	+11·522	− 5	M m	...
...	+ 3·490	−49·763	− 4	M	..
†	4·106	−34·760	− 3	M	...
...	4·260	+37·850	0·70	...	...
...	4·861	+32·366	0·65	...	...
...	5·048	+29·691	− 5	m	...
231					
*	+ 5·180	+22·022	1·35	42.9236	9·4
...	6·154	−55·228	− 3	...	...
...	6·235	−45·264	− 3	m	...
...	6·625	−54·193	− 1	...	...
*	7·369	+32·232	2·40	42.9237	8·1
...	+ 7·591	+19·352	− 5	m	...
...	8·311	− 5·597	− 1	...	...
...	9·081	−34·262	0·85	...	...
...	9·215	+45·199	0·80	...	...
...	9·333	+27·804	− 4	m	...
241					
...	+ 9·350	−37·200	− 5	m	...
*	9·817	+39·558	1·40	42.9238	9·5
*	10·242	+ 7·023	1·05	42.9239	10·8
...	11·182	− 3·349	0·70	...	...
...	11·608	+55·725	− 5	...	...
S *	+11·629	+47·145	2·10	42.9240	8·6
...	11·796	+11·526	− 3	m	...
*	11·902	−16·820	1·40	43.9399	9·5
...	11·908	+18·958	− 2	...	...
...	11·939	+22·637	0·80	...	...
251					
...	+12·319	−24·524	− 2	...	...
...	12·936	+37·631	− 5	m	...
...	13·681	−45·740	0·65	...	...
...	13·694	+56·245	− 4	...	...
*	15·042	+29·323	1·50	42.9241	9·8
...	+15·405	−24·264	− 2	...	..
...	15·459	+53·755	0·90	...	...
...	15·752	+52·667	0·85	...	...
...	15·843	+ 7·190	− 5	m	...
..	16·402	+23·045	− 5	m	...
261					
...	+16·541	+13·159	0·65	...	...
...	16·768	+40·837	− 5	m	...
..	16·833	−28·821	0·80	...	..
..	16·839	−22·679	− 2	...	...
...	16·938	+23·277	− 5	m	...
...	+17·236	−42·255	− 4	m	...
...	17·464	− 51·490	− 5	...	...
...	17·775	+24·110	− 2	...	...
...	18·053	+32·650	− 5	m	...
...	18·544	−42·314	0·90	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. o·8o.	C.P.D. No.	C.P.D. Mag.
271-320					
271					
*	+18·652	−28·854	1·05	43.9400	10·4
*	19·007	+44·232	1·40	42.9242	9·8
...	19·224	− 9·480	0·95	.	...
...	20·001	−34·985	− 1		
*	20·057	+41·958	1·10	.	.
*	+20·361	+ 9·420	1·00		
...	20·658	+51·161	1·00	...	..
...	20·785	+11·541	− 5	m	.
...	20·835	+ 2·005	− 4	m	.
...	22·084	+34·652	− 4	...	...
281					
...	+23·546	+52·582	0·85	...	...
*	23·704	− 1·686	1·40	43.9401	9·8
...	24·067	+ 2·983	− 5	m	...
...	24·134	−46·730	− 3	m	...
...	24·197	+34·224	− 4	...	...
S ‡	+24·538	−32·503	2·60	43.9402	7·2
†	24·606	−55·008	0·70	...	...
...	24·881	−17·702	− 4	...	...
...	24·962	+56·045	− 3	...	..
...	25·360	−52·882	− 5	..	...
291					
*	+25·400	−39·268	0·95	...	...
...	25·456	−47·302	− 3	.	...
...	25·486	+14·601	0·80	.	..
.	26·563	−38·053	− 5		..
...	27·233	+15·526	0·75	...	..
...	+28·287	+21·022	− 4	m	...
...	28·598	+30·480	− 5	m	..
...	28·682	+ 0·036	− 3	m	..
.	29·037	−47·796	0·75	...	...
...	29·777	+17·631	0·70	a	..
301					
...	+29·825	+39·369	− 1	...	...
‡	29·866	+45·093	1·00	42.9243	10·5
...	29·949	−24·270	− 5	m	...
...	30·258	−16·081	− 5	..	...
*	30·603	−12·730	2·20	43.9403	7·4
†	+30·695	+35·138	0·75	...	...
...	30·781	−21·922	− 5	...	...
...	30·855	−50·375	0·75	...	...
...	30·946	−26·451	0·80	...	...
...	30·999	−22·158	− 5	..	...
311					
...	+31·619	+12·975	− 4	m	...
...	32·723	+16·556	0·75	...	...
...	33·339	+38·895	− 5	m	...
S *	33·557	− 5·869	2·30	43.9404	8·4
...	33·576	−15·838	0·90	...	...
...	+33·862	+32·705	− 3	m	...
...	33·939	− 9·363	0·80	...	...
...	33·954	+24·253	− 5	m	...
...	34·594	− 2·205	0·80	...	...
...	34·683	− 1·112	− 4	m	...
321-370					
321					
...	+34·884	− 7·502	0·70	...	...
.	35·260	−28·069	− 4	...	..
..	35·719	−39·875	0·70	...	.
...	35·879	+ 3·604	0·70	h	...
...	35·946	+32·670	− 1	...	...
*	+36·571	−48·690	2·40	43.9405	8·6
.	36·709	+23·537	− 5	m	...
...	37·244	−14·872	0·80	...	...
*	37·997	− 6·774	0·95	...	...
...	38·119	− 3·067	0·80	...	...
331					
..	+38·367	− 5·717	− 5	m	..
.	38·686	−15·126	− 5	...	..
..	38·709	+27·079	− 5	m	...
...	38·763	−20·461	0·85	...	...
..	38·934	+42·171	− 1	m	...
..	+40·366	+ 2·324	− 5	m	...
...	40·984	+57·136	− 2	...	...
*	41·580	−20·223	1·00	...	
..	41·634	+22·700	1·00	..	...
h	41·716	−28·541	1·05	43.9406	10·0
341					
...	+41·748	+49·688	− 5	...	...
..	41·912	+23·763	0·80	...	...
.	42·147	−16·925	0·85	...	...
...	42·403	+30·234	− 4	m	..
‡	42·707	+43·156	1·30	42.9244	10·4
...	+42·899	+35·977	− 4	m	...
..	43·351	−22·008	− 5	m	...
†	44·380	+ 0·334	0·70	...	...
.	44·631	−48·885	0·65	...	...
*	44·777	− 4·186	1·20	43.9407	9·8
351					
*	+45·244	+57·184	1·60	42.9245	9·4
...	45·665	−41·799	− 5	...	..
...	45·844	+38·413	− 5	m	...
..	46·387	−44·047	− 4	..	
..	46·651	−36·859	0·95		
...	+46·914	−13·073	− 5		...
..	47·191	−37·012	− 2	...	.
...	47·572	−58·745	− 5	...	...
...	47·629	−57·840	0·70	...	...
*	47·636	+23·660	0·95	...	..
361					
*	+47·713	−15·806	2·30	43.9408	8·1
*	48·394	+ 9·994	1·00	...	...
†	49·432	−22·627	1·80	43.9409	8·6
†	49·538	−54·563	− 1	...	...
...	49·767	−58·247	− 5	...	..
..	+50·004	−32·979	− 4	...	...
...	50·007	+ 0·809	− 5	m	...
...	50·193	−36·208	− 5	...	...
*	50·309	−28·610	1·20	43.9410	9·8
‡	51·110	+ 0·287	1·00	43.9411	10·6
371-407					
371					
.	+51·263	+44·232	0·75	...	...
	51·533	− 9·521	0·65	...	...
*	51·821	+12·094	1·15	42.9246	10·2
*	51·823	+33·648	1·00	...	...
...	52·259	−11·652	0·80	...	.
.	+52·628	+57·143	− 4	...	..
.	52·879	−26·080	− 4	...	..
.	52·888	+18·246	− 5	m	...
...	52·947	−32·821	0·75	...	.
..	52·947	− 8·002	− 5	..	...
381					
...	+53·130	−54·188	− 2	...	...
*	53·368	− 4·210	1·10	43.9412	9·8
...	54·053	−17·902	− 2	...	...
*	54·075	−54·108	1·35	43.9413	10·2
*	54·125	+38·208	1·30	...	...
...	+54·271	+13·093	− 4	...	...
..	54·686	−38·962	1·15	43.9414	10·3
...	55·351	−44·186	− 1	...	...
...	55·557	+40·341	− 1	e	...
...	55·749	+27·725	− 4	m	..
391					
...	+56·180	+30·710	− 5	m	..
*	56·354	+11·410	1·00	.	.
.	56·631	− 4·254	− 5	m	...
..	56·786	+27·339	− 3	...	...
...	57·207	−43·137	− 5	m	...
...	+57·498	+11·376	− 5	m	
...	57·519	+26·444	− 5	m	...
..	57·534	−18·376	− 2	..	...
...	58·137	+ 3·157	− 4	...	.
...	58·232	+28·543	− 5	..	...
401					
...	+58·232	+ 8·569	− 5	m	...
...	58·456	+16·806	− 5	...	..
...	58·459	+44·079	− 5	m	...
...	58·609	−38·770	0·85	...	..
..	59·217	− 6·751	− 5	m	...
*	+59·238	+55·959	1·00	...	...
..	59·240	+ 9·023	− 5	m	..

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–60					
1					
.	−58·134	+33·536	1·20	...	...
.	58·633	+ 0·159	1·00	43.9411	10·6
	58·570	−28·746	1·25	43.9410	9·8
	58·273	+11·987	1·20	42.9246	10·2
	57·926	− 9·635	− 5	...	...
..	−57·147	−11·723	− 2	...	...
	56·757	+38·147	1·25	...	...
*	56·242	− 4·259	1·15	43.9412	9·8
...	55·811	−32·845	− 5	...	...
...	55·367	+40·343	− 5	E	...
11					
*	−54·049	−54·117	1·20	43.9413	10·2
.	53·875	−38·966	1·05	43.9414	10·3
	53·754	+27·357	− 5	..	...
.	53·735	+11·439	1·05	...	...
...	53·064	−44·156	− 5	..	...
.	−52·360	+28·610	− 5	...	.
..	52·167	+56·054	1·25	...	...
..	51·648	−18·304	− 5	...	...
...	50·571	+27·739	− 5	..	...
...	49·964	−38·637	0·65	...	..
21					
...	−49·007	+13·038	0·65	...	...
	48·752	−10·582	1·30	43.9415	9·5
..	46·475	−20·007	0·90	43.9416	10·6
	45·814	+37·483	− 5	...	...
...	45·278	+54·883	− 5	M	...
...	-45·182	−11·711	− 5	...	...
*	43·697	− 0·363	1·50	43.9417	9·4
.	43·666	+44·915	1·00	...	...
*	43·207	+ 8·388	1·10	42.9247	10·4
*	42·292	+23·667	1·10	42.9248	10·4
31					
...	−41·733	+46·467	− 5	...	...
...	41·629	−35·427	0·75	...	...
...	41·463	+58·336	− 5	...	...
...	39·959	−48·508	0·90	...	...
S *	39·824	+31·913	1·80	42.9249	9·4
...	−39·274	+29·298	− 5	...	...
...	39·128	− 4·203	− 5	...	...
S *	38·588	+ 6·308	1·60	42.9250	9·8
†	38·421	−20·172	1·20	43.9418	9·8
*	38·354	− 1·931	1·50	43.9420	9·4
41					
...	-38·321	−55·473	− 4	...	...
...	38·136	−29·811	0·95	43.9419	10·4
...	38·000	+44·256	1·10	42.9251	10·4
...	37·186	−32·717	1·00	43.9421	10·6
*	36·989	+49·152	1·00	42.9252	10·4
...	−36·556	+33·236	1·00	...	...
...	36·454	−18·293	− 5	...	...
...	36·127	+58·867	− 4	...	...
S *	33·601	−45·402	3·30	43.9422	6·5
†	33·137	+ 9·765	0·70	...	...
51					
...	-32·949	+10·054	0·70	...	...
	32·882	− 2·424	− 3	..	...
	32·404	−14·066	− 3	...	...
	32·376	+55·730	0·95	...	...
	32·319	+37·618	− 1	.	...
	31·883	+ 7·324	1·00	42.9253	10·6
	31·358	−45·776	− 5	...	...
..	31·240	−15·520	·95	...	...
	31·195	+27·769	1·00	...	...
.	30·995	+28·724	0·65	..	...
61–120					
61					
...	−30·756	− 6·744	− 5	...	...
...	30·462	−59·007	− 5	...	...
...	30·259	+ 6·295	0·65	...	...
½	29·728	− 9·750	1·10	43.9423	9·8
...	29·592	+41·031	0·90	...	...
*	−29·298	−48·198	1·50	43.9424	9·5
...	28·820	− 6·244	− 5	...	...
...	28·460	−24·580	0·75	...	...
...	27·781	−48·471	− 1	...	...
...	27·713	+50·845	− 5	...	...
71					
*	−27·642	−17·315	1·15	43.9425	9·6
..	27·608	−15·833	− 3	...	...
...	27·487	+ 1·045	0·90	...	...
...	26·346	−30·459	− 5	...	...
...	24·395	+ 4·698	− 4	..	...
...	−24·229	+18·924	0·70	...	...
...	24·134	−42·347	− 5	...	...
...	23·862	+23·233	− 5	...	...
...	23·278	+54·421	− 4	...	...
...	23·219	−26·130	0·90	...	...
81					
...	−22·642	+20·714	1·00	...	...
.	22·403	+18·267	0·65	...	...
*	21·946	−23·660	1·40	43.9426	9·8
...	21·666	+45·483	− 5	...	...
...	21·051	−12·285	− 4	...	..
..	−20·822	−51·096	0·70	...	...
..	20·273	+35·945	1·20	42.9255	10·4
...	19·568	−30·457	0·70	...	...
*	19·087	+16·949	1·30	42.9256	10·4
...	18·538	+20·394	0·70	...	...
91					
...	−17·114	−35·741	− 5	...	...
*	16·712	+30·425	1·35	42.9257	9·8
...	16·621	−23·716	0·65	...	...
...	15·824	+25·717	0·95	...	...
S *	15·489	− 6·019	2·70	43.9427	7·7
...	−15·126	+ 1·606	− 5	M	...
...	14·435	− 8·411	0·85	43.9428	10·6
...	13·892	+28·911	0·80	...	...
...	13·502	−33·658	0·75	...	...
...	13·258	+40·683	− 4	...	...
101					
...	−12·922	−30·896	− 5	...	...
...	12·715	+35·459	− 5	...	...
...	12·515	− 9·449	0·80	...	...
...	12·220	− 1·556	0·75	...	...
...	11·924	+51·062	− 5	...	...
...	−11·753	−46·508	− 5	...	...
...	11·334	+41·166	− 4	...	...
*	11·237	+ 6·679	1·10	42.9258	10·3
	10·972	− 8·308	− 4	...	...
...	10·790	+50·275	1·00	...	...
111					
	−10·643	−59·954	2·60	44.9994	7·8
	9·902	− 7·388	0·70	...	...
...	9·861	− 2·941	0·65	...	...
...	9·380	−38·649	− 1	...	...
	8·570	−57·418	1·25	44.9995	9·8
...	− 8·367	+57·001	− 5	...	...
.	8·341	+34·104	1·00	...	...
	7·732	+54·437	− 5	...	...
	7·597	+14·674	0·85	...	...
...	7·028	+40·719	0·85	...	...
121–180					
121					
...	− 6·810	−23·774	− 1	...	...
...	6·715	−35·414	− 3	...	...
...	6·460	+21·480	− 5	...	...
...	5·148	+ 3·505	− 5	...	...
...	5·008	+11·919	− 5	...	...
..	− 4·489	+26·494	− 5	...	...
...	4·315	−21·327	0·70	...	...
...	3·763	−18·557	0·70	...	...
...	3·700	+45·842	− 2	...	...
...	3·604	−21·411	0·85	...	...
131					
...	− 2·880	+40·732	− 4	...	...
†	2·510	− 0·187	1·05	43.9429	10·0
...	2·283	−25·655	− 5	*m*	...
...	− 0·144	+ 8·964	0·65	...	...
*	+ 0·137	−35·645	1·60	43.9430	9·4
S †	+ 0·352	−22·498	2·20	43.9431	8·2
...	1·433	+33·270	1·00	42.9260	10·4
...	1·624	−38·630	0·70	...	...
...	2·316	+20·469	− 5	...	...
...	2·866	+ 8·435	− 5	M	...
141					
S *	+ 3·020	−49·469	2·00	43.9432	8·6
...	3·570	−17·417	− 5	...	...
...	3·584	−46·988	0·70	...	.
...	3·775	+17·675	0·75	...	...
..	4·190	+47·948	0·75	...	.
..	+ 4·310	−14·570	0·80	...	...
...	4·690	−23·447	0·65	...	...
...	5·072	−19·444	− 5	A *m*	...
...	6·182	+29·616	0·70	...	...
...	6·682	−11·560	0·85	...	...
151					
...	+ 7·224	+12·395	− 2	...	..
...	8·915	+ 2·110	− 5	...	...
...	8·935	−21·935	− 5	...	...
...	9·038	+ 2·627	1·00	...	...
...	9·233	+48·438	− 3	...	...
*	+ 9·409	−53·637	1·00	43.9433	10·2
...	9·591	+37·198	− 5	*m*	...
*	10·412	− 5·655	1·00	43.9434	10·2
...	10·649	+23·869	− 5	...	...
...	11·071	−22·881	− 5	...	...
161					
...	+11·757	+28·618	− 5	...	...
...	12·577	+ 2·631	0·85	.	...
...	13·101	−28·850	− 4		...
...	13·763	+13·455	− 4	...	...
*	14·359	−23·850	1·05	43.9435	10·2
...	+14·698	−42·542	− 3	...	...
*	15·084	−52·402	1·05	43.9436	10·3
...	15·670	−45·346	− 4	...	...
S *	15·685	+38·254	1·80	42.9261	8·8
...	16·857	−52·341	0·75	...	...
171					
...	+16·929	− 9·132	− 4	...	...
...	17·458	+ 0·032	− 5	..	...
...	17·509	−22·362	0·90	...	...
...	17·754	−51·590	− 5	...	..
...	18·092	−29·465	0·65	...	...
...	+18·255	+41·322	0·80	...	...
*	18·845	−22·315	1·90	43.9437	9·0
*	18·982	+41·148	1·20	42.9262	10·4
...	19·195	− 3·791	0·65	...	...
...	19·304	−40·103	1·10	43.9438	10·3

NM measured from r. 136.
ES ,, ,, 65, 200.

Notes.	Co-ordinates. x.	y.	Diam. z	C.P.D. No.	Mag.
181-210					
181					
...	+19·324	+37·328	1·10	42.9263	10·4
...	19·796	− 1·736	− 5	*m*	...
...	19·951	+47·703	1·20	42.9264	10·4
..	21·089	− 8·119	0·80	..	...
...	24·375	−25·242	0·85	.	..
...	+24·381	+40·845	0·70	..	...
...	24·651	+ 8·307	0·70	.	...
...	24·717	+42·216	− 2	.	...
...	24·796	− 3·322	0·95	...	...
...	25·230	+46·887	− 5	...	...
191					
...	+25·826	+36·565	1·00	42.9266	10·4
...	26·052	−44·031	− 5	*m*	...
...	26·348	−31·563	− 5	...	...
*	27·039	+36·942	1·40	42.9267	10·3
...	28·923	−59·153	− 5	..	...
*	+29·335	+17·722	1·00	42.9268	10·4
...	29·563	+ 8·977	0·65	...	...
...	29·619	+12·003	− 5	...	...
...	29·705	−53·362	1·10	43.9439	10·4
...	30·253	+11·226	− 3	...	...
201					
...	+30·415	−17·360	0·70	...	...
...	30·836	+ 1·327	0·70	...	...
...	31·389	−43·807	− 2	...	...
...	31·629	−10·472	− 4	..	...
...	32·326	+ 4·588	− 1	...	...
...	+32·363	+24·355	0·75	..	...
...	33·617	−24·752	− 5	...	...
...	33·780	−24·031	0·90	43.9440	10·6
...	34·678	+26·530	− 5	...	...
...	35·440	+26·776	− 5	..	...

Notes.	Co-ordinates. x.	y.	Diam. z	C.P.D. No.	Mag.
211-240					
211					
...	+36·217	− 3·725	− 3	*a*	...
...	36·313	−46·100	1·05	43.9441	10·6
...	36·547	+14·019	− 2	..	.
S *	37·220	+ 34·327	2·50	42.9269	8·2
...	37·316	+ 21·864	− 5	...	
..	+37·370	+ 7·022	− 3	.	...
...	38·220	+ 1·692	− 5	.	...
*	38·244	−57·003	1·70	44.10011	9·5
S *	38·396	−11·031	1·00	43.9442	9·5
...	38·743	−22·087	− 3	...	..
221					
...	+39·296	+51·953	1·25	42.9270	10·2
...	39·314	−12·568	− 2	...	...
.	40·418	−42·284	− 5	.	...
..	41·760	−56·638	− 5	*m*	...
..	41·832	− 5·986	0·80	...	...
...	+42·332	+52·113	− 5	.	...
...	42 340	+39·247	− 5	...	...
..	42·840	−37·437	0·95	.	...
...	42·852	+13·534	− 5	...	...
†	43·348	+14·820	1·00	42.9271	10·4
231					
*	+44·479	−39·256	1·70	43.9443	9·6
*	44·791	−26·538	1·25	43.9444	10·2
...	45·303	−31·395	0·65	...	...
S *	45·336	+51·792	2·40	42.9273	8·2
...	45·365	+56·767	1·25	42.9272	10·3
...	+45·596	−43·216	− 5	*m*	..
...	46·447	−51·281	1·25	43.9445	10·4
...	47·036	−29·087	− 3	...	...
..	50·289	+17·171	1·00	...	...
...	50·921	+32·189	0·85	...	...

Notes.	Co-ordinates. x.	y.	Diam. z	C.P.D. No.	Mag.
241-249					
241					
...	+51·367	−37·458	− 5	...	...
..	51·710	− 2·121	− 1	...	...
*	51·876	−14·163	1·30	43.9446	9·5
...	52·709	+ 2·984	− 5	...	...
...	53·772	−14·007	1·10	43.9447	10·6
†	+54·450	−34·928	1·00	43.9448	10·4
...	56·743	+26·782	0·80	...	...
...	57·572	+36·624	− 5	...	...
*	57·671	+ 3·220	1·30	43.9449	10·2

1-20					
1					
†	−59·950	+17·042	0·65	..	...
...	59·767	+32·065	− 4	...	..
...	57·959	− 2·197	− 5	...	...
*	57·417	−14·231	1·10	43.9446	9·5
..	55·536	−14·019	0·80	43.9447	10·6
...	−54·259	−34·935	0·70	43.9448	10·4
...	53·781	+26·846	− 3	...	...
...	52·163	+ 3·313	0·90	43.9449	10·2
...	50·755	+40·212	0·70	..	...
S *	50·284	+29·265	1·90	42.9274	8·6
11					
*	−49·749	+ 5·541	1·10	43.9450	9·8
...	48·288	+ 8·420	0·65	...	...
S *	48·140	+ 0·828	4·00	43.9451	5·8
*	47·571	+23·911	1·00	42.9275	10·2
...	47·279	−36·104	0·75	43.9452	10·6
...	−46·690	−34·795	0·65	43.9454	10·3
S *	46·553	−46·950	1·10	43.9453	9·6
*	45·198	+32·755	1·05	42.9276	9·6
...	43·528	+31·224	0·90	...	...
...	42·486	− 3·190	− 2	...	...

21-40					
21					
...	−42·425	−35·533	− 3	...	...
...	42·143	−21·184	− 2	...	...
...	41·267	+ 3·109	− 5	...	...
...	39·213	−18·741	− 1	...	...
...	37·699	+ 2·773	− 2	...	...
*	−34·316	− 3·167	1·25	43.9455	9·0
*	32·390	+22·564	1·10	42.9277	9·6
...	31·663	−31·160	− 4	...	...
*	31·542	+31·755	0·90	42.9278	10·4
...	30·864	−18·543	0·90	43.9456	9·8
31					
...	−30·425	−52·030	0·85	43.9457	10·6
*	30·419	+25·597	1·00	42.9279	10·2
...	29·555	−15·819	0·70	43.9459	10·3
...	29·405	−34·776	0·65	43.9458	10·6
...	28·104	−47·337	− 5	...	...
...	−26·993	−37·117	− 5	...	...
...	24·927	− 1·037	− 5	M	...
..	24·755	+ 0·898	0·85	43.9460	10·2
...	24·107	−49·427	− 5	...	...
...	22·659	−53·253	− 5	...	...

41-60					
41					
...	−22·254	−11·292	− 5	...	...
...	20·216	+35·454	0·70	...	...
S *	19·222	+45·928	1·80	42.9280	8·6
...	18·944	+40·995	− 2	...	...
...	18·388	−52·929	− 5	...	...
...	−18·310	−39·119	0·65	43.9461	10·6
...	17·388	− 5·035	− 5	...	...
S *	17·250	−56·623	2·50	44.10038	7·4
...	17·224	− 6·428	− 5	M	...
...	17·165	− 6·967	1·00	43.9462	9·8
51					
*	−16·168	− 9·292	1·00	43.9463	9·6
...	16·117	+26·343	0·70	...	...
†	15·177	−45·032	− 3	...	...
...	10·928	+12·779	0·85	...	...
‡	10·116	+14·080	1·10	42.9281	9·6
*	− 9·859	+17·959	1·10	42.9282	10·2
*	9·846	+16·670	1·15	42.9283	10·0
...	9·604	− 4·028	0·80	43.9464	10·6
...	9·558	+17·537	− 5	...	...
...	8·077	−29·764	− 5	...	...

ES measured from 1. 50.
NM .. .. 33, 106.

61–90

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
61					
*	− 5·495	[illegible]	1·10	43·9465	9·6
*	3·802	+23·930	0·90	42·9284	10·2
...	3·615	+ 1·908	0·8	43·9466	10·0
...	2·501	+4·265	− 5	...	...
*	2·418	−14·169	0·95	43·9467	10·0
...	− 1·918	−44·878	− 5	...	...
...	0·830	+41·259	− 5	...	...
S *	0·775	+14·525	1·00	42·9285	9·6
...	− 0·511	+13·056	− 5	...	...
...	+ 0·108	−46·785	− 1	...	...
71					
...	+ 0·720	+32·968	0·85	42·9286	10·4
*	1·581	−24·984	1·05	43·9468	9·8
..	1·582	−17·953	0·65	...	...
...	2·303	−44·790	0·80	43·9469	10·3
*	4·385	+27·054	0·95	42·9287	9·8
...	+ 5·185	−23·957	− 4	...	...
..	5·542	−15·983	− 4	...	...
...	5·728	−36·910	0·65	...	...
...	6·321	−45·235	− 5	...	...
*	6·369	−46·177	1·10	43·9470	9·6
81					
...	+ 6·719	−55·485	− 5	...	...
...	7·156	+40·592	− 5	...	...
...	7·497	−18·370	0·75	...	...
...	11·549	− 2·560	− 5	...	...
...	12·468	+52·108	− 5	...	...
...	+12·512	+41·601	− 5	...	...
...	12·522	+34·593	− 5	...	...
S *	13·513	−44·377	1·20	43·9471	8·8
...	13·599	− 2·876	− 3	...	...
...	13·687	−23·633	0·90	43·9472	10·6

91–120

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
91					
...	+16·843	+ 9·600	− 5	...	...
*	17·106	+13·543	0·90	42·9289	10·4
S *	18·369	+42·269	1·00	42·9290	10·3
...	20·015	+19·938	0·80	...	...
*	22·673	−15·872	1·00	43·9473	9·5
...	+22·828	+54·752	− 5	...	...
n	23·036	−58·958	1·00	44.10047	9·8
n	23·294	−58·887	− 1		
...	24·066	−25·015	0·95	43·9474	10·3
†	25·578	+20·125	0·75	...	...
101					
...	+26·937	−51·584	0·70	43·9475	10·6
..	27·232	+15·722	0·80	42·9291	10·4
...	27·480	+53·032	− 1	...	...
...	27·633	+53·989	1·05	42·9292	10·0
...	29·353	−47·416	− 3	...	...
S *	+31·642	−22·221	3·00	43·9476	7·0
...	32·996	−13·219	1·00	43·9477	9·8
...	34·122	−36·068	− 5	...	...
...	36·347	+28·838	0·80	42·9293	10·3
...	37·518	− 3·213	0·70	...	...
111					
...	+40·878	+18·764	0·75	...	..
...	41·018	−10·080	− 3	...	...
...	42·555	− 4·993	− 5	...	...
†	44·698	+13·537	− 4	...	...
...	46·124	−26·810	− 3	43·9478	10·4
*	+46·710	+39·697	1·00	42·9295	9·8
S *	48·336	+30·868	1·80	42·9296	8·8
...	48·814	+17·436	− 1	...	..
...	48·945	−39·886	0·65	43·9480	10·2
...	49·113	−15·183	0·80	43·9479	10·4

121–125

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
121					
...	+51·577	−11·321	0·70	43·9481	10·4
...	51·710	− 5·539	− 5	...	...
S *	54·765	+ 5·034	1·15	43·9482	9·4
...	58·197	−29·359	− 5	...	...
S *	59·187	−13·067	1·10	43·9483	9·1

97, 98. C.P.D., possibly mass.

1–20

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
1					
...	−59·616	−40·940	0·95	43·9480	10·2
...	59·337	−23·704	− 5	...	...
..	57·806	−11·400	0·95	43·9481	10·4
...	56·975	−10·502	− 5	...	...
..	55·893	−24·021	− 3	...	...
...	−55·825	− 2·492	− 4	...	...
S *	55·093	+ 5·141	1·00	43·9482	9·4
	53·691	+15·790	− 3		
	52·252	−12·671	− 5	A	...
...	51·827	− 2·984	− 5	B	...
11					
...	−51·570	− 3·193	− 4	...	..
..	50·654	−29·245	− 5	...	...
S *	50·181	−12·924	1·20	43·9483	9·1
	48·754	+12·262	1·10	42·9297	9·4
...	48·651	−36·400	− 5	...	...
.	−48·113	−38·415	− 5	...	...
†	47·616	+ 5·157	− 3	...	...
...	47·472	−54·143	1·00	44.10058	9·8
...	46·996	−19·036	− 5	...	...
..	46·513	+29·295	− 3	...	...

21–40

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
21					
...	−46·499	−26·426	− 5	...	...
*	46·259	+22·550	1·10	42·9299	9·8
...	46·208	+46·819	− 5	...	...
...	45·980	−29·507	− 3	...	...
...	45·918	−37·133	− 5	...	...
...	−44·920	+26·980	0·65	...	...
..	43·936	+33·794	0·70	...	...
...	43·412	+15·339	− 5	...	...
	42·178	−10·122	− 5	...	...
*	41·575	−55·003	1·40	44.10061	9·3
31					
..	−40·841	+[illegible]	− 5	...	...
...	40·735	+43·947	− 3	...	..
...	39·444	+34·204	− 5	...	...
...	38·943	+53·099	− 5	...	..
...	38·824	−10·8[illegible]	− 4	...	...
...	−38·790	+36·723	− 5	...	...
...	38·732	+14·559	− 5	...	...
.	38·687	− 8·044	0·65	...	..
...	35·572	+28·025	0·65	...	...
...	35·291	+36·623	− 1	...	...

41–60

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
41					
S *	−35·160	+41·846	1·00	42·9301	10·2
...	34·663	+28·446	− 3	..	...
†	34·637	−44·637	− 5	...	...
*	34·623	−53·107	2·00	43·9484	8·2
..	34·408	+33·357	0·70	...	...
...	−34·324	−58·249	1·20	44.10063	9·6
.	33·307	+48·650	− 4	...	...
...	31·454	−45·113	1·10	43·9485	10·2
...	31·285	+56·327	0·70	...	.
...	31·037	+16·480	0·80	...	...
51					
*	−30·428	+ 8·575	1·05	42·9302	10·2
..	30·234	−28·057	0·90	..	..
†	30·035	−28·325	0·65	..	...
..	29·280	+52·836	− 5	...	...
S *	29·177	− 9·817	1·10	43·9486	8·8
...	−28·710	−34·325	− 4	...	..
...	28·043	+42·784	0·75	42·9303	10·4
...	27·879	+42·882	− 2		
...	26·258	+20·186	− 3	...	...
...	25·896	+ 6·858	0·90	42·9304	10·4

NM measured from 1, 100.
ES " " 53, 149

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
61–110					
61					
†	−24·804	−39·666	− 1	..	...
...	24·599	+44·838	− 4	...	...
*	24·175	−33·247	1·00	43·9487	9·8
...	24·163	+26·104	− 5	..	...
...	24·115	+36·661	0·90	42·9305	10·4
...	−22·790	−39·601	− 4	..	...
...	22·557	+ 5·867	0·80	43·9488	10·4
...	22·358	+35·368	0·80	...	.
...	20·961	+52·541	0·90	...	...
...	20·398	+30·166	− 5	..	...
71					
*	−19·975	−28·863	1·20	43·9489	9·0
...	19·859	−30·005	0·70	..	...
...	18·251	+22·803	− 1	...	...
...	17·871	+26·630	− 5	...	...
S *	17·813	+ 6·125	3·20	43·9490	6·0
...	−17·422	−39·809	0·90	43·9491	10·4
S *	16·126	−35·053	2·90	43·9492	6·6
...	15·999	+33·807	0·70	...	...
...	15·397	+33·442	− 3	..	...
†	15·153	− 1·114	− 2	...	...
81					
...	−14·915	+27·736	− 5	...	...
*	12·784	− 4·412	1·00	43·9493	9·3
*	12·090	− 4·956	1·20	43·9494	8·8
...	11·631	+38·718	− 3	...	...
...	11·396	+37·132	1·00	42·9307	10·3
*	− 9·657	−29·503	1·05	43·9495	9·4
...	9·514	+39·560	0·90	42·9308	10·4
.	6·424	+21·079	− 4	...	...
...	6·343	+52·964	− 4	...	...
*	6·343	−36·822	1·00	43·9496	9·6
91					
...	− 5·905	+41·447	1·00	42·9309	10·4
...	5·863	− 1·023	− 5	A	...
...	5·510	+21·287	− 5	..	...
†	5·444	+45·028	− 4	...	..
*	4·761	−46·089	1·05	43·9497	9·4
...	− 3·144	−41·634	− 4	...	...
*	1·875	+ 7·280	1·05	42·9310	10·2
...	1·562	−41·483	− 4	..	...
...	− 0·642	+13·664	− 4	...	...
...	+ 0·457	+36·684	0·80	42·9311	10·4
101					
S *	+ 3·236	+54·790	1·20	42·9312	9·4
..	3·785	−53·564	− 5	...	...
...	3·950	−55·755	− 5	...	...
...	4·619	+ 1·727	0·65	..	...
...	6·401	−15·394	− 5	a	...
...	+ 6·887	−28·963	0·85	43·9498	10·4
...	7·221	−17·738	0·80	43·9499	10·4
...	9·328	+47·966	1·05	42·9316	10·2
...	9·344	−20·094	0·80	43·9500	10·4
...	9·395	− 8·836	0·70	...	...
111–160					
111					
...	+11·19	− 9·609	− 5	a	...
*	13·089	−52·593	1·15	43·9501	9·6
...	13·858	+11·404	0·65	...	...
..	14·367	+ 5·409	− 5	...	...
...	14·724	−14·051	0·65	...	...
...	+15·179	+53·083	− 5	..	...
...	16·344	−41·109	0·70	..	...
*	16·458	+20·694	1·40	42·9319	9·4
S *	16·661	−14·182	1·00	43·9502	9·6
...	17·780	+42·475	− 5	..	...
121					
S *	+17·918	−57·067	3·30	44.10075	6·5
...	18·098	−34·983	− 4	...	...
...	18·134	+ 2·982	1·00	43·9503	9·8
...	18·698	− 2·183	− 3	...	...
...	18·723	−41·512	− 5	...	...
...	+18·922	+29·823	− 5	..	...
...	19·010	−52·531	− 5	...	...
S *	19·327	+39·428	1·00	42·9320	9·2
⋮	19·846	+13·499	1·00	42·9321	9·6
*	20·684	−54·127	1·80	44.10077	8·6
131					
...	+21·037	+ 6·660	0·65	...	...
...	21·138	− 1·643	0·65	...	...
*	21·556	−50·813	1·80	43·9504	8·5
...	22·134	−57·325	− 5	...	...
...	22·171	− 9·544	0·75	43·9505	10·4
...	+22·838	−13·138	0·85	43·9506	10·4
...	22·987	+33·639	− 4	...	...
...	23·202	+23·483	0·75	...	...
...	24·160	−36·139	1·00	43·9507	10·2
*	24·608	−41·280	1·10	43·9508	9·6
141					
...	+25·819	+ 3·876	0·70	...	...
...	26·239	−56·922	0·85	44.10080	10·4
...	26·490	−52·108	− 5	...	...
...	26·553	+ 6·121	0·80	43·9509	10·4
...	27·496	+17·186	0·70	...	...
†	+28·654	+15·186	− 1	...	...
*	29·227	+22·086	2·00	42·9322	8·1
...	29·570	− 3·220	− 5	...	...
...	30·247	+17·383	− 5	...	...
...	30·844	+49·065	0·80	...	...
151					
..	+30·974	−49·055	− 1	...	...
...	31·727	−35·871	− 2	...	...
...	32·542	−30·439	− 3	...	.
...	32·547	+21·848	− 1	...	...
...	32·631	−35·029	− 2	...	...
...	+33·460	+44·634	− 3	...	..
...	33·484	−34·115	− 1	...	...
...	34·316	−42·455	− 3	...	...
..	34·426	+30·134	− 5	...	...
†	35·489	−19·831	− 3	...	...
161–197					
161					
...	+35·661	+41·893	0·70	...	...
...	36·707	− 3·824	0·70	...	...
*	37·038	+ 8·707	1·00	42·9323	10·2
...	37·050	− 7·035	− 3	...	...
*	37·670	−44·408	1·05	43·9510	9·6
...	+37·807	−45·349	− 1	...	...
S *	38·332	+24·517	2·60	42·9324	7·8
...	39·068	+34·786	− 5	...	...
...	39·112	−29·042	− 3	...	...
...	39·334	+ 8·379	− 2	.	...
171					
...	+39·460	+42·969	− 3	...	...
S ‡	39·484	+15·195	1·70	42·9325	8·2
...	39·805	−43·831	0·85	43·9511	10·4
...	39·833	−31·411	− 5	...	...
...	40·087	−31·083	− 5	...	...
...	+41·389	−57·393	0·85	44.10089	10·4
*	41·563	−34·170	1·70	43·9512	8·6
*	41·648	−24·082	1·00	43·9513	10·0
...	41·886	−17·843	0·90	43·9514	10·4
...	41·928	−52·793	1·10	43·9515	9·6
181					
...	+42·642	+56·115	− 1	...	...
...	43·986	+41·057	− 5	...	...
...	44·204	−31·096	0·90	43·9516	10·0
...	44·917	+53·542	− 1	...	...
*	45·587	+33·211	1·60	42·9328	9·0
...	+46·664	+17·619	− 1	...	...
*	47·807	− 6·732	0·95	43·9517	10·4
...	48·258	− 1·532	0·75	43·9518	10·4
...	49·276	+14·157	0·70	...	...
...	51·550	−23·822	− 4	...	..
191					
...	+54·056	+ 4·189	− 5	...	...
...	55·165	−38·579	− 1	43·9519	10·4
S *	56·039	−24·312	1·40	43·9520	8·4
⋮	57·783	−29·727	1·05	43·9521	9·4
...	58·091	+25·753	− 4	...	...
*	+58·175	− 7·786	1·00	43·9522	9·8
*	59·539	+ 4·351	1·00	43·9523	9·8

Notes.	Co-ordinates. x.	y.	Diam. −3.	C.P.D. No.	Mag.
1-60					
1					
...	−57·458	−23·91	− 5	.	. .
...	53·405	−38·552	0·95	43·9519	10·4
S *	52·943	−24·266	2·30	43·9520	8·4
...	52·347	+25·829	− 2	...	...
*	51·312	− 7·680	1·05	43·9522	9·8
*	−51·048	−29·627	1·40	43·9521	9·4
...	51·24	−53·447	− 5	...	...
*	5 ·313	+ 4·498	1·15	43·9523	9·8
...	47·448	+14·111	0·90	...	...
...	47·281	−53·794	− 4	...	.
11					
...	−45·423	−32·368	0·75	...	.
...	45·233	−57·623	0·85	...	.
...	43·983	−16·782	0·65	...	...
...	40·822	−43·826	0·70	...	. .
...	40·546	−29·934	− 4	.	...
*	−39·282	+40·830	1·35	42.9330	9·8
...	38·365	− 9·729	0·70	...	. .
. .	37·664	+ 6·679	0·85	..	...
...	35·022	−48·704	− 3	...	.
...	34·335	−22·748	− 5	...	. .
21					
†	−33·490	+29·705	− 1	...	...
...	33·356	+ 7·241	− 5	...	..
‡	33·166	+34·690	1·15	42.9331	10·0
...	32·562	−38·389	0·90	43·9524	10·4
...	31·273	+57·394	0·65	.	...
...	−30·148	−47·603	0·70	...	...
*	28·957	+34·451	1·10	...	. .
...	28·780	+13·208	0·75	.	. .
..	28·719	+14·095	− 5	...	...
...	28·701	+58·056	1·35	42.9332	9·7
31					
.	−27·449	+23·654	− 5	...	...
...	25·737	−39·521	− 4	...	...
‡	24·695	−50·577	1·00	43·9525	10·0
...	24·612	+57·444	0·65	.	...
...	23·497	−49·101	− 4	...	...
.	−22·658	−56·892	− 5	...	..
S ‡	22·618	+54·816	1·70	42.9333	9·2
...	22·053	−25·280	− 5	.	...
*	21·46	−43·544	1·15	43.9526	9·6
. .	21·01	+18·989	− 1	...	.
41					
...	−19·706	+32·080	− 5	...	...
...	19·232	+ 9·129	− 1	.	.
..	19·183	+13·829	− 4	. .	...
...	18·896	−59·858	− 5	..	. .
...	18·329	− 7·133	− 5	A	.
...	−17·847	+ 8·155	− 5	. .	. .
.	17·642	− 1·163	1·00	43.9527	10·4
.	17·597	−10·024	1·00	43.9528	10·4
*	17·15	−55·155	1·10	44.10111	9·6
*	15·82	−37·137	1·15	43.9529	10·0
51					
†	−15·1	− 0·177	− 5		...
	15·096	− 5·82	− 5		.
†	13·41	−10·065	0·80	43·9530	10·4
S *	13·31	− 7·147	2·20	43.9531	8·5
. .	12·660	+43·78	− 5	...	...
S	−12·604	−53·775	3·10	44.10114	7·6
...	12·515	+14·413	− 4	.	...
†	11·231	−49·730	1·00	42.9334	10·2
†	1·359	+29·766	− 3		
	10·20	−40·485	− 5	...	.
61-120					
61					
*	− 9·970	− 9·763	1·05	43.9532	9·8
...	9·196	− 1·426	− 2	...	...
.	8·924	−30·246	− 5	..	. .
†	8·823	−45·063	0·90	43.9533	10·4
.	6·320	−18·989	− 5	...	...
..	− 5·716	+50·013	1·00	42.9335	10·4
...	5·559	−29·702	− 5	A m	...
.	5·528	+35·703	− 3	.	..
...	3·728	−31·288	0·85	..	...
*	3·339	−26·314	1·05	43.9534	10·0
71					
..	− 2·669	−17·493	0·95	43.9535	10·4
*	2·549	−21·555	1·05	43.9536	10·0
..	2·360	+18·364	1·00	42.9337	10·4
	2·317	−19·737	0·80	...	...
*	2·033	−39·591	1·35	43.9537	9·6
...	− 1·588	−31·343	− 3	...	...
. .	− 1·222	−34·006	0·90	43.9538	10·4
S *	+ 1·496	+38·576	2·00	42.9338	9·0
. .	1·834	+36·388	− 3	...	...
...	1·842	+20·599	0·95	42.9339	10·2
81					
...	+ 1·889	+58·919	− 5	..	...
...	2·365	−15·655	− 5	...	...
...	3·162	+38·408	− 5	...	...
..	3·527	−52·527	− 5	...	...
...	4·079	+24·143	− 5		..
...	+ 4·339	+33·176	− 5	..	...
..	4·594	+33·948	0·65	..	...
‡	5·032	+51·595	2·40	42.9340	8·6
*	5·233	+49·880	1·30	42.9341	9·7
...	6·118	−31·953	− 2	...	..
91					
...	+ 6·325	+ 8·246	− 5	.	...
..	6·480	− 0·481	− 1	...	...
..	6·527	−38·485	− 4	...	...
...	6·844	+38·117	− 5	..	...
.	6·919	−27·142	− 5	...	...
*	+ 7·261	+ 9·561	2·60	42.9342	8·7
*	7·765	−31·790	2·20	43.9539	8·5
.	8·642	+37·630	− 5	...	...
*	9·289	−26·884	3·00	43.9540	8·2
†	10·099	+40·931	− 5	...	...
101					
...	+11·292	+41·275	1·00	42.9343	10·2
S *	15·620	+48·841	2·90	42.9344	8·4
S *	15·766	−18·870	2·90	43.9541	8·0
.	15·868	−23·292	− 5	..	...
.	16·625	−16·827	− 5	.	...
	+17·558	− 0·238	− 3	...	...
	17·839	−49·359	− 5	...	...
	17·813	+36·713	− 1	...	...
	18·656	−36·101	− 5	...	...
*	19·721	−49·634	1·20	43.9542	9·4
111					
...	+19·059	−14·540	0·65		...
+	19·391	−29·918	1·80	43.9543	9·4
..	19·821	−46·442	− 3	...	...
S .	20·322	+20·296	2·30	42.9345	8·3
*	23·190	−47·134	1·10	43.9544	9·6
...	+23·345	−36·902	0·65	..	...
...	24·000	−51·713	− 4	...	...
	24·535	+16·728	− 4	...	..
	26·233	+52·462	0·75		..
	26·521	−47·610	− 5	.	..
121 179					
121					
S *	+26·984	−42·476	1·90	43.9545	9·2
...	27·053	−16·837	− 5	...	...
*	28·291	−21·008	1·10	43.9546	9·6
...	29·833	+35·324	1·00	42.9346	10·4
*	30·444	−55·201	1·30	44.10123	9·4
...	+31·691	− 2·265	0·80	...	...
*	31·858	−42·920	1·05	43.9547	10·0
...	32·335	+26·071	− 5	...	...
...	32·526	+43·042	− 5	...	...
..	33·802	− 6·044	0·65	..	...
131					
...	+34·652	−58·282	− 5	...	...
*	34·855	+55·283	1·10	...	...
*	35·867	+45·399	1·10	42.9347	10·0
...	36·392	−35·298	− 5	...	...
*	37·079	− 4·373	1·20	43.9548	9·4
...	+37·578	+36·802	− 5	...	...
..	37·663	−51·718	− 4	...	...
...	37·998	+28·097	− 5	a	...
...	39·827	−51·051	− 3	...	...
...	40·453	− 1·878	0·75	...	...
141					
*	+40·611	+57·117	1·80	42.9348	9·6
..	41·811	−27·639	− 4	...	...
... [	42·297	+37·570	0·70	42.9349	10·2
... [	42·349	+37·533	0·70		
...	42·984	+28·602	0·80	...	..
...	+43·563	−33·155	− 5	...	...
N [	43·843	+33·602	1·30	42.9350	10·0
...	44·031	+ 5·054	− 5	a	...
...	44·488	−28·542	− 4	...	...
...	45·397	− 7·315	− 5	a	...
151					
...	+45·457	− 4·727	− 1	...	...
..	45·508	+50·819	− 5	...	...
*	46·985	+32·344	1·00	42.9351	10·4
...	47·410	−20·877	− 5	...	...
*	47·657	−14·748	1·20	43.9549	9·6
...	+48·077	+23·023	− 3	...	...
S ‡	48·293	+49·845	2·90	42.9352	8·6
...	49·195	+57·711	− 5	...	...
*	49·585	−46·815	1·80	43.9550	9·4
*	49·672	+33·017	1·60	42.9353	9·4
161					
...	+50·051	+16·063	− 1	...	...
...	50·432	+38·122	0·85	42.9354	10·4
‡	50·750	−20·000	1·20	43.9551	9·4
...	50·831	−10·610	− 5	.	...
...	52·323	+41·692	− 5	...	...
S *	+52·958	− 2·744	2·20	43.9552	8·6
...	53·044	−41·793	0·90	...	...
*	53·316	− 2·450	1·40	43.9553	9·6
...	53·503	−10·968	− 1	...	...
..	53·954	−36·611	− 5	...	...
171					
...	+54·046	+37·776	0·90	42.9355	10·4
...	54·309	+ 0·504	− 5	...	...
...	55·355	−50·176	− 1	...	...
...	55·478	−16·385	− 5	.	...
...	56·025	+ 4·246	− 3	...	...
..	+56·496	−25·589	0·70	...	..
...	56·497	+28·164	− 3	..	...
...	58·497	+19·413	− 5	...	
. .	59·406	−19·213	− 4	...	...

[illegible] 1 [illegible] 14m. Mass. 42·132, two stars.

1–60

Notes.	Co-ordinates.		Diam.	C.P.D.	
	″.	″.	0·65.	No.	Mag.
1					
*	−58·749	−4[illegible]	1·5[illegible]	43·9550	9·4
...	58·976	+41·570	− 5	.	...
...	58·591	−10·712	− 4	E	...
*	58·402	−20·099	1·2[illegible]	43·9551	9·4
...	57·023	−17·258	− 5	M	..
...	−56·834	+37·728	0·80	42·9355	10·4
S *	56·689	− 2·8[illegible]	1·60	43·9552	8·6
*	56·346	− 2·5[illegible]	1·05	43·9553	9·6
...	55·89[illegible]	−12·99[illegible]	0·80	...	..
...	55·464	+ 0·4[illegible]	0·65	...	...
11					
...	−55·447	−41·816	0·75	.	...
...	54·090	+28·204	0·80	..	...
...	53·832	+ 4·276	0·75	...	..
...	53·745	−16·378	0·65	E	.
...	53·481	−34·263	− 4	A	...
...	−52·872	−50·141	0·70	...	...
...	52·483	−25·527	0·80	..	...
...	51·822	+19·494	0·70	...	...
†	51·806	− 4·970	0·70	...	...
...	50·422	+28·628	0·70	..	...
21					
†	−49·772	−19·062	0·70	...	...
†	49·765	+52·621	− 1	...	...
...	49·248	+15·095	− 4	...	...
...	48·541	+28·548	− 5	...	...
...	48·160	+ 8·316	0·70	B	...
...	−47·649	+22·618	0·85	...	...
...	46·742	−55·075	− 5	...	...
...	46·699	+49·603	− 5	...	...
...	46·513	+12·499	− 5	M	...
...	46·292	+55·115	− 1	...	...
31					
...	−46·120	+51·890	0·70	...	...
...	45·840	+51·888	− 5	...	...
*	45·476	−58·961	1·40	44.10139	9·6
...	44·078	−39·189	− 5	...	...
...	43·680	− 7·788	0·70	...	...
...	−43·537	−22·000	0·70	...	...
*	43·201	−30·382	1·15	43.9554	9·4
...	42·659	+39·249	0·95	42.9356	10·4
*	41·514	− 9·607	1·40	43.9555	9·0
*	40·888	+38·021	1·40	42.9357	9·6
41					
...	−40·653	−15·736	0·80	...	...
...	39·569	−42·986	− 1	A	...
...	39·312	+ 5·392	0·65	...	...
...	37·706	+ 5·993	0·80	...	...
...	37·452	+ 2·132	0·65	B	...
...	−37·250	− 2·159	0·70	A	...
*	37·243	−23·954	1·05	43.9556	10·0
*	36·670	−24·010	1·10	43.9557	9·8
...	36·588	− 5·590	0·65	B	...
...	36·045	−34·351	0·65	...	...
51					
...	−35·522	−26·907	0·75	...	...
...	35·436	+ 5·166	− 5	M	...
...	35·267	−52·466	− 1	...	...
S *	35·104	−19·271	2·10	43.9558	8·2
†	34·231	− 0·059	− 5	M	...
...	−33·341	−50·148	− 5	M	...
...	33·215	−51·036	− 5	M	...
...	32·691	− 8·145	0·75	...	..
*	32·628	− 9·660	1·15	43.9559	9·6
*	32·497	+42·296	1·20	42.9358	10·0

61 120

Notes.	Co-ordinates.		Diam.	C.P.D.	
	″.	″.	0·65.	No.	Mag.
61					
...	−30·856	+41·311	0·70	.	.
..	30·845	−23·423	0·65	A	...
...	30·611	− 0·227	0·70	B	..
*	30·606	+20·553	1·00	42.9359	10·2
...	30·306	−36·449	0·85	..	...
S *	−29·509	+45·021	2·40	42.9361	7·9
*	29·504	+35·472	1·30	42.9360	9·2
..	29·468	+20·334	− 5	M	...
...	29·030	+20·306	0·80	...	...
*	28·021	+32·733	1·20	42.9362	9·2
71					
...	−27·287	−34·730	0·70	...	...
*	26·723	+23·421	1·10	42.9363	10·0
..	26·212	+55·039	− 5	...	...
...	25·813	−56·260	0·80	...	...
*	25·053	+51·500	1·40	42.9364	10·2
..	−24·945	−18·880	0·80	...	...
...	24·931	+35·197	− 4	M	...
...	24·272	+52·556	1·20	42.9365	10·0
...	23·546	+ 6·491	− 3	M	...
...	23·236	+ 5·988	0·75	...	.
81					
...	−23·071	−34·199	− 5	M	...
*	22·636	−40·962	1·10	43.9560	10·0
...	22·169	−33·156	0·80	...	...
*	22·019	−58·617	1·40	44.10146	9·6
...	21·519	−20·073	0·85	...	...
...	−21·130	−42·173	0·70	...	...
...	20·767	+32·462	− 5	M	...
...	20·738	− 7·756	0·80	...	...
...	20·525	+31·583	0·70	...	...
S *	20·477	+28·755	1·70	42.9366	8·8
91					
...	−20·134	−14·496	0·70	. .	...
*	20·057	−59·317	1·30	44.10148	9·6
...	20·011	−45·747	0·80	...	...
†	19·773	−53·729	0·65	...	...
...	19·736	−18·235	0·85	...	...
*	−19·559	−17·316	2·00	43.9561	8·4
...	18·638	+41·705	− 2	..	...
*	18·543	−56·742	1·00	44.10149	10·0
...	17·879	+41·335	0·80	...	..
...	17·643	+34·803	0·90	..	...
101					
..	−16·182	+46·469	− 2	...	...
...	15·573	− 0·112	0·65	...	...
...	14·834	+27·975	0·90	...	...
S †	14·825	−57·386	2·30	44.10151	8·0
*	14·300	+41·362	1·20	42.9367	9·6
...	−14·148	+11·084	− 1	...	...
*	14·065	+13·662	1·00	42.9368	10·2
†	13·361	+ 5·044	0·75	...	...
...	12·812	+51·228	− 3	...	...
...	12·722	−38·793	0·95	43.9562	10·4
111					
*	−12·396	−25·861	1·00	43.9563	9·6
...	11·693	+44·419	− 5	...	...
*	11·628	+18·374	1·40	42.9369	9·0
...	11·396	−14·309	0·70	...	...
...	11·385	+18·700	0·90	...	...
...	−11·012	+10·777	0·90	...	...
...	10·655	−20·492	− 2	...	...
...	10·209	−48·572	0·90	...	...
■	10·116	−21·522	1·20	43.9564	9·3
...	9·840	+35·159	− 5	M	...

121–180

Notes.	Co-ordinates.		Diam.	C.P.D.	
	″.	″.	0·65.	No.	Mag.
121					
	− 9·[illegible]58	−30·[illegible]23	− 5	M	...
...	9·645	−32·308	0·70	...	...
..	7·379	−33·824	0·70	..	...
S *	7·052	+ 4·15[illegible]	3·0[illegible]	43.9565	7·4
..	5·821	+42·503	− 3	...	...
†	− 4·823	−5[illegible]·997	1·00	43.9566	10·4
...	4·671	−22·684	0·75	″	...
..	4·102	− 0·513	− 1	B ″	...
...	2·357	−52·133	0·95	43.9567	10·4
...	2·331	−52·207	0·65		
131					
...	− 1·717	−12·799	− 4	M ″	...
...	0·539	+23·125	0·85	...	...
...	− 0·332	+11·319	0·70	...	...
..	+ 0·144	+30·615	0·85	...	...
...	0·396	+42·613	− 3	...	...
...	+ 1·903	+ 0·458	− 1	M ″	...
...	2·128	−30·457	− 5	M ″	...
..	2·322	−59·651	− 5	″	...
...	2·369	+15·296	− 3	M ″	...
...	2·394	−30·614	0·65	...	...
141					
...	+ 3·037	−58·614	− 5	M ″	...
*	3·592	+57·598	1·30	42.9370	9·7
...	4·057	− 7·312	0·90	...	...
...	4·379	− 6·991	− 4	M ″	...
..	4·535	+35·608	− 5	M ″	...
*	+ 4·585	+26·916	1·80	42.9371	8·6
...	4·723	−41·584	− 1	...	...
†	5·068	+32·638	− 3	...	...
†	5·068	+31·398	− 3	...	...
...	5·333	+27·143	0·70	...	...
151					
...	+ 5·383	+ 1·764	0·65	...	...
*	5·580	+15·144	1·00	42.9372	10·2
...	5·771	− 7·460	0·85	43.9568	10·4
...	5·890	−20·440	0·90	43.9569	10·4
*	6·745	+11·001	1·00	42.9373	10·2
...	+ 7·856	+12·641	− 2	...	...
*	8·221	− 1·647	1·10	43.9570	9·4
...	9·547	−42·166	− 5	″	...
*	10·208	− 2·264	0·95	43.9571	10·0
...	10·330	+53·965	− 5	...	...
161					
...	+11·142	−53·432	− 4	″	...
...	11·278	−39·902	− 4	″	...
...	11·868	+53·295	1·05	...	...
...	12·208	−19·151	− 4	″	..
...	12·304	+20·688	− 5	...	...
...	+12·447	+ 2·927	− 2	...	...
...	12·918	+18·988	− 5	...	...
...	13·051	+10·234	− 4	...	...
...	13·073	+59·395	− 1	...	...
...	13·307	+37·219	− 2	...	...
171					
...	+13·947	+36·282	− 5	...	...
...	14·356	+19·064	− 5	″	...
...	14·400	+36·438	− 3	...	...
S *	14·594	+26·040	1·90	42.9374	8·4
*	15·300	+36·111	1·00	42.9375	10·2
...	+15·715	−55·926	− 5	″	...
*	15·897	−43·710	1·00	...	..
...	16·443	+ 9·401	− 3	...	...
...	17·145	−10·309	0·85	...	...
*	17·488	− 0·192	1·35	43.9572	9·2

NM measured from 1, 18[illegible].
ES ,, .. 94, 231.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
181–210					
181					
...	+17·541	−35·244	− 3	*m*	...
...	17·572	− 6·556	− 3	*m*	...
...	18·387	−40·872	− 3	*m*	...
..	18·930	+ 3·272	− 2	..	...
...	19·283	−22·[illegible]	0·65	...	...
*	+19·306	+ 2·324	0·90	...	...
*	20·309	−37·[illegible]	1·15	43·9573	9·6
...	20·586	+50·25[illegible]	− 3	...	...
...	20·606	−25·784	0·65	*b*	...
.	2[illegible]·543	−33·903	− 5	*m*	...
191					
...	+20·974	+15·451	− 5	*m*	...
S *	21·025	−42·906	1·80	43·9574	8·6
*	21·186	+21·891	1·00	42·9376	10·2
..	21·637	−25·322	0·65	*a*	...
...	25·169	−44·503	0·80	...	...
...	+25·391	+30·192	− 5	..	...
...	26·020	−19·205	0·75	...	...
...	26·540	−15·255	0·70	...	...
...	26·587	+ 7·592	− 5	*m*	...
...	27·162	− 4·148	− 5	*m*	...
201					
...	+27·445	− 4·095	− 5	*m*	...
..	28·004	+40·153	0·70	...	...
*	28·909	− 3·979	0·95	43·9575	10·4
*	29·675	−59·059	1·25	44·10162	9·8
*	30·108	+42·925	0·90	..	...
...	+31·100	+23·918	0·80	...	...
...	31·389	+ 6·159	0·65	...	...
...	32·33[illegible]	+ 0·299	− 5	*m*	...
..	32·371	+30·238	0·80	..	...
...	32·393	+34·38[illegible]	0·65	...	...
211–240					
211					
...	+32·517	−34·540	− 5	*m*	...
...	33·064	−33·836	0·65	*b*	...
*	33·628	−54·399	1·50	44.10163	9·0
*	33·635	− 4·133	1·50	43·9576	9·8
...	33·798	−26·003	− 5	*m*	...
*	+33·854	−28·561	1·20	43·9577	9·8
...	34·120	−51·778	− 5	*m*	...
...	34·202	+ 6·233	0·65	...	...
S *	34·568	−12·624	2·30	43·9578	8·0
...	34·731	−30·418	− 5	*m*	...
221					
*	+34·742	−12·[illegible]	1·00	...	...
...	34·924	−25·088	0·80	...	...
...	35·246	− 5·7[illegible]	0·70	*d*	...
S *	35·700	+ 2·638	1·30	43·9579	9·4
...	36·943	−15·118	0·75	...	...
...	+37·193	−28·497	0·70	*b*	...
...	37·412	+56·239	− 5	...	...
...	38·202	+ 1·043	0·65	...	...
...	38·557	− 0·615	0·70	*b*	...
..	39·941	−28·901	− 4	*m*	...
231					
...	+41·058	−33·487	− 3	*m*	...
...	41·525	−11·341	− 2	*m*	...
...	41·647	−55·67[illegible]	0·75	...	...
*	42·037	+18·950	0·90	...	..
..	42·076	−36·519	− 4	*m*	...
...	+42·428	−18·[illegible]16	0·90	..	.
...	43·179	− 5·665[illegible]	− 4	*m*	...
*	43·298	−50·157	1·35	43·9580	9·8
...	43·303	−43·850	0·90	...	...
...	43·623	−21·727	− 5	*m*	...
241–270					
241					
...	+44·186	+18·775	− 4	...	...
*	45·475	+56·861	2·20	42.9378	8·7
...	45·754	−46·526	− 1	..	...
...	46·013	−57·884	0·80	..	...
...	46·134	+34·535	0·75	...	...
*	+46·943	−22·867	1·00	...	...
...	47·275	−45·739	0·65	...	...
...	47·391	+40·834	0·75	...	...
...	47·561	−50·181	0·85	...	...
S *	47·751	+48·792	1·70	42.9379	9·4
251					
...	+48·795	−31·231	− 5	*m*	...
...	50·178	− 1·390	− 3	*m*	...
...	50·397	−40·263	− 3	...	...
*	50·704	−59·025	1·35	44.10167	9·6
*	50·713	−35·856	0·95	...	...
...	+51·656	− 7·244	0·80	...	...
*	52·168	−51·258	1·25	43.9581	9·8
...	52·385	+10·622	− 5	...	...
*	52·795	+ 2·624	1·00	...	...
...	52·939	+11·186	− 5	...	...
261					
...	+53·019	− 3·312	− 3	*m*	..
...	53·562	−31·703	− 1	...	...
...	54·029	+29·625	0·90	...	...
..	55·731	− 5·227	− 3	*m*	...
...	55·939	−27·218	− 5	*m*	...
...	+56·086	−47·384	− 4	*m*	...
...	56·754	+32·803	− 4	...	...
S *	57·330	−28·130	2·20	43.9582	8·0
*	57·980	− 7·441	1·00	...	...
*	58·970	−12·960	1·00	...	...

1–20					
1					
...	−57·950	−35·957	0·70		...
	57·862	− 7·328	− 4	...	...
	57·254	−59·11[illegible]	1·20	44.10167	9·6
	57·006	+ 2·572	0·90		..
...	56·577	+29·588	− 1	...	...
...	−56·044	−51·307	1·15	43·9581	9·8
S *	51·558	−28·039	2·20	43·9582	8·0
..	51·537	− 7·336	0·85	.	
...	5[illegible]·527	+47·[illegible]97	− 5		...
	5[illegible]·38[illegible]	−12·831	0·90	...	...
11					
.	−47·334	+42·93[illegible]	− 5	...	..
*	49·163	+58·543	1·80	42.9382	8·9
	4[illegible]·[illegible]13	+ 2·[illegible]28	0·90		
	45·1[illegible]	+ 3·[illegible]11	− 1	.	...
	44·21[illegible]	+15·[illegible]09	0·80	42.9383	10·2
...	−43·075	−[illegible]·[illegible]71	− 5		...
S *	43·[illegible]4	+ [illegible]·[illegible]42	1·70	43.9583	9·0
...	42·[illegible]	−19·[illegible]43	0·90	...	..
...	42·[illegible]	+20·[illegible]81	− 3	..	...
...	41·75[illegible]	− [illegible]·[illegible]14	− 5		..
21–40					
21					
..	−40·610	−32·217	− 5	...	...
.	40·320	+41·630	1·00	42.9384	9·7
...	39·716	+29·901	0·85	42.9385	10·4
...	38·515	+10·045	− 4	...	...
.	38·008	−39·634	− 5	...	...
...	−35·725	+58·338	0·80	42.9386	10·2
. .	31·852	+ 3·495	− 5	...	...
.	31·482	+16·532	− 3	..	.
	28·85[illegible]	+59·232	− 4	.	...
...	28·400	−45·252	0·90	.	...
31					
.	−28·370	−14·703	1·00	43.9584	9·8
.	28·158	+43·721	− 4		...
...	28·136	−35·494	− 1	...	...
	27·5[illegible]	−53·915	0·85	.	..
S *	26·898	−31·83[illegible]	2·70	43.9585	7·5
.	−26·874	+42·066	− 4	..	...
...	25·978	−57·889	− 5		...
...	24·492	−35·108	0·75	.	...
...	23·046	+42·076	1·00	42.9387	9·8
. .	21·823	−32·501	− 5	...	...
41–60					
41					
...	−21·016	+19·635	0·90	...	...
*	18·698	+50·885	1·20	42.9389	9·6
*	18·624	+32·268	1·05	42.9388	10·0
*	18·064	− 6·732	1·50	43.9586	9·2
...	16·630	−34·329	1·00	43.9587	9·8
...	−15·721	+26·480	0·90	...	...
...	13·122	−43·690	− 3	...	...
S *	12·257	+44·002	1·15	42.9391	9·4
...	10·733	−23·409	0·85		...
...	10·419	−38·115	0·65	...	...
51					
...	− 8·376	−55·297	1·10	44.10181	9·8
.	5·5[illegible]	+23·466	− 4	...	..
...	3·248	+32·380	0·95	42.9392	10·1
.	2·732	− 8·133	− 1		...
...	2·210	+ 3·812	− 3		..
...	− 2·041	+ 0·912	− 5		...
S *	0·727	−56·974	1·60	44.10182	9·2
S *	− 0·434	+23·228	1·70	42.9393	9·1
...	+ 0·386	−26·281	0·80	...	...
...	0·787	−20·415	− 5	M *a*	...

Es measured from 1.
NM ... ,, 59.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
61 90					
61					
...	+ 1·384	+37·837	1·00	...	..
*	2·498	−34·506	1·10	43·9588	9·8
...	4·747	+11·373	0·65	...	..
...	5·291	− 2·514	− 5	h	.
...	6·014	+ 4·832	0·65	..	...
...	+ 6·091	−44·836	0·65	...	...
...	6·317	+26·395	− 5	..	...
*	7·786	+30·841	2·00	42·9394	8·6
...	9·104	−59·025	− 1	...	...
...	9·442	−19·629	− 5	...	...
71					
*	+10·113	−37·659	1·50	43·9589	9·0
†	14·965	+35·587	0·80	...	...
*	15·145	+34·892	1·30	42·9395	9·5
†	15·210	+45·067	− 4	...	...
...	15·430	+38·502	0·65	...	...
...	+17·238	+37·373	0·90	...	...
...	17·411	+ 5·493	− 5	..	...
...	17·553	−22·700	− 4	...	..
*	18·292	− 1·640	2·60	43·9590	7·8
...	19·166	+35·722	0·70	...	...
81					
...	+19·397	+ 1·989	0·65	...	...
...	19·607	+16·887	0·65	...	...
*	21·422	+44·143	1·15	42·9397	9·6
S *	22·211	+45·648	1·50	42·9398	8·9
S *	24·007	−23·863	1·80	43·9591	8·5
...	+24·063	−38·232	0·80	...	...
*	25·362	+16·706	2·30	42·9399	8·6
...	25·587	−25·359	0·65	...	...
...	26·372	+17·143	− 5	...	...
...	26·824	−15·034	− 5	...	...
91–120					
91					
...	+27·654	+12·391	0·90	...	...
...	27·687	− 1·135	0·65	...	...
...	27·722	−24·491	− 5	...	...
..	27·960	−19·076	0·85	..	...
...	32·144	− 8·996	− 5	..	..
...	+32·723	−39·188	− 5	.	...
...	33·960	+ 6·163	0·70	...	...
...	34·620	+38·698	− 5		...
...	35·273	−45·818	− 3	.	...
...	35·616	+49·699	− 4	...	...
101					
...	+36·088	+21·886	0·70	...	...
*	36·161	+11·193	2·80	42·9401	8·2
...	36·860	+16·121	0·70	...	...
...	38·131	−47·583	− 4	...	...
...	38·595	−32·453	− 5	...	...
...	+40·840	−43·761	− 5	...	...
...	41·171	+46·447	− 5	...	...
...	42·002	−10·018	0·70	...	...
...	42·993	−48·123	− 5	...	...
...	44·540	+59·559	1·25	42·9402	9·8
111					
..	+46·361	+16·318	− 5	...	.
...	46·871	−50·356	0·75	...	...
...	46·932	+56·892	− 1	...	...
...	47·290	− 8·198	0·70	...	..
...	48·600	−38·668	− 5	...	...
...	+49·131	− 1·195	0·75	...	...
S *	49·324	−28·735	1·50	43·9593	9·2
*	49·540	+ 2·950	1·10	43·9592	9·8
†	49·893	−36·447	− 5	...	...
...	50·659	+42·273	− 3	...	...
121–128					
121					
*	+52·194	+40·150	1·00	42·9404	9·5
...	52·415	−12·460	0·75	...	...
...	52·458	+25·867	− 5	...	...
S *	52·923	+12·850	2·00	42·9405	8·7
S *	53·428	−11·990	2·00	43·9594	8·3
...	+54·782	+58·220	− 5	...	...
*	59·484	− 9·991	1·00	43·9595	9·6
...	59·701	+13·523	0·85	42·9407	10·1

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
1–20					
1					
S *	−59·546	−28·897	1·60	43·9593	9·2
...	58·764	−36·580	− 4	...	...
‡	58·749	+40·073	1·05	42·9404	9·5
S *	57·189	+12·794	2·00	42·9405	8·7
...	56·952	−12·527	− 1	...	...
...	−56·704	+58·199	− 5	...	...
S *	55·930	−12·019	2·00	43·9594	8·3
*	50·891	+32·159	5·00	42·9408	6·4
...	50·442	+13·665	1·00	42·9407	10·1
...	49·970	+50·943	0·65	42·9409	10·1
11					
‡	−49·962	− 9·870	1·00	43·9595	9·6
...	43·340	−33·114	− 4	...	...
...	41·624	+ 0·993	− 5	...	..
...	39·684	+37·938	0·75	...	...
...	38·940	+13·539	− 5	...	...
...	−36·876	+50·322	0·90	42·9411	10·0
...	33·716	−34·062	0·90	...	...
...	30·948	+ 7·806	− 4	...	...
...	27·932	−34·637	0·90	43·9596	9·8
...	27·527	+33·747	0·90	42·9413	10·0
21–40					
21					
...	−21·500	−38·402	0·80	...	...
...	21·297	−49·834	− 1	...	...
...	20·866	−43·895	0·70	...	...
...	20·308	−13·491	0·95	43·9597	9·8
S *	20·235	− 5·298	1·10	43·9598	9·4
...	−18·937	−40·729	1·00	43·9599	9·8
...	18·570	−45·282	− 5	...	...
‡	18·481	+44·906	1·20	42·9414	9·1
*	18·278	+37·629	1·00	42·9415	9·5
...	16·068	+54·033	1·00	42·9416	10·0
31					
...	−14·700	− 0·852	0·85	43·9600	9·8
S *	13·584	+50·746	1·60	42·9417	8·7
...	10·244	+24·124	− 4	...	...
*	10·055	+55·700	1·15	42·9418	9·4
†	10·002	−31·098	− 3	...	...
...	− 7·807	+ 1·416	0·70	...	...
...	6·574	+47·988	0·85	42·9419	10·1
S	3·001	+26·866	1·00	42·9420	9·5
...	2·071	−54·079	− 4	...	...
*	0·868	−15·090	1·35	43·9601	9·0
41–60					
41					
...	− 0·684	+58·554	1·00	42·9421	9·8
...	+ 0·114	−48·702	0·65	...	...
*	0·965	−44·170	1·20	43·9602	9·4
...	2·005	+11·081	1·00	42·9423	10·0
..	2·781	+58·367	− 5	...	...
...	+ 3·031	+34·722	− 3	...	...
*	5·145	+56·571	1·15	42·9424	9·5
...	5·593	−52·197	0·75	...	...
...	6·310	+42·504	0·80	42·9425	10·0
...	6·692	+ 4·979	− 4	...	...
51					
...	+ 9·178	+ 2·704	− 3	...	...
...	9·698	−16·623	− 3	...	...
...	10·172	− 8·395	− 3	...	...
...	10·626	−11·895	− 5	...	...
S *	10·806	−43·974	1·10	43·9603	9·2
...	+11·118	+ 2·066	− 5	b	...
*	12·162	−35·568	1·05	43·9604	9·4
...	13·769	− 5·312	0·75	...	...
‡	17·016	−54·751	1·00	44·10210	9·0
...	17·187	−24·020	0·65	43·9605	9·8

ES measured from 1.
NM ,, .. 42.

61–70

Notes	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
61					
	+18·944	[illegible]	0·95	42·9427	9·5
...	19·352	+38·679	0·65	...	...
..	19·712	+48·517	0·95	42.9428	9·6
...	20·197	+39·176	0·80	42.9429	10·0
.	21·875	−26·795	− 4	...	...
S	+22·452	−54·077	2·10	44.10213	8·3
.	22·497	+54·339	− 5	...	...
.	25·026	+47·550	0·90	42.9430	9·6
...	25·337	+33·140	0·90	42.9431	9·5
:	25·760	−54·754	2·10	44.10215	8·2

71–80

Notes	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
71					
...	+30·432	−19·514	− 1	..	...
*	33·763	−40·159	1·15	43.9606	9·4
S	34·571	−11·259	1·00	43.9607	9·8
*	36·438	+22·470	1·10	42.9432	9·4
†	39·825	−53·558	0·80	44.10219	9·8
...	+44·513	−32·739	0·85	43.9608	9·8
n *	44·767	+27·553	1·05	42.9436	8·6
...	44·804	+47·183	− 5	...	...
S n *	44·972	+27·627	1·90	42.9436	8·6
*	45·171	−35·533	1·30	43.9609	9·2

81–85

Notes	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
81					
...	+47·278	−15·401	− 5	...	...
*	47·396	+43·395	1·60	42.9437	9·1
...	48·209	+ 5·857	− 5	...	...
...	58·136	+32·415	− 5	...	...
...	58·578	+49·347	− 5	42.9438	10·1

77, 79. C.P.D., mass.

1–40

Notes					
1					
..	−58·825	+46·433	− 5	...	...
..	57·293	+43·795	− 1	...	...
...	56·098	−25·948	− 5	M	..
...	52·702	+24·610	0·75	...	...
..	52·645	+49·441	1·00	42.9438	10·1
..	−52·578	+32·514	1·10	.	...
...	50·500	−34·044	− 4	M	..
..	49·562	−21·006	0·80	A	...
.	49·029	−16·296	0·75	...	..
...	49·028	+12·084	0·75	.	...
11					
...	−48·768	−36·760	1·20	...	..
...	48·654	−39·107	1·10	..	...
†	48·384	−20·000	− 3	M	...
..	48·295	−55·506	− 5	M	...
..	48·067	+26·668	0·65		...
..	−47·360	−16·500	0·80	..	...
*	46·762	+27·304	1·10	42.9439	10·0
.	46·645	+17·749	− 3	M	...
...	46·213	−57·044	1·30	...	...
..	46·096	+56·170	− 5	...	..
21					
*	−44·772	+27·808	1·00	...	...
*	44·684	+20·533	1·20	42.9440	10·1
...	44·169	− 8·886	0·[illegible]	A	...
.	43·928	+47·460	1·20	42.9441	10·0
S *	43·412	− 0·763	1·05	43.9610	9·8
...	−43·386	+34·511	− 5	M	..
.	42·827	+ 8·923	0·70	..	..
...	42·307	+12·505	0·70	..	..
.	42·384	−35·784	− 4		...
...	42·242	−40·140	− 5	M	..
31					
...	−41·904	+19·078	0·95		..
..	41·887	− 4·517	0·70	B	...
	41·833	+14·900	1·20	...	...
	40·506	+55·[illegible]	0·65	.	...
*	40·203	−19·681	1·10	43.9611	9·8
...	−38·510	− 2·192	0·80	A	..
..	38·246	−57·588	− 5	M	...
*	37·581	−10·470	1·10	..	..
...	37·280	−19·322	1·00	...	..
...	36·446	+ 8·983	− 5	M	...

41–80

Notes					
41					
...	−36·138	−23·655	− 5	M	..
...	35·789	+46·964	0·75	..	...
S *	35·136	−51·218	1·15	43.9612	9·8
.	35·018	−53·124	− 5	M	...
:	34·864	− 0·210	1·10	43.9613	9·6
*	−32·868	−11·913	1·60	43.9615	9·4
*	32·551	−45·266	1·10	43.9614	9·8
...	32·529	−16·021	0·70	A	..
..	31·989	−13·341	− 5	M	.
...	31·697	−57·740	1·05		...
51					
...	−31·271	+47·326	− 1	...	..
..	30·858	− 3·004	− 5	M	...
..	30·244	+33·260	− 4	M	...
.	29·558	+48·177	− 4	..	...
...	28·782	+24·007	0·75	.	.
...	−28·110	−36·443	− 3	M	...
...	27·543	+14·044	− 1	B	...
...	27·506	+ 1·413	− 5	M	
..	27·259	−51·340	1·00	..	...
*	27·152	−12·036	1·00	.	...
61					
*	−25·937	−19·201	1·00	...	...
...	25·589	+12·891	− 3	M	...
*	25·359	−52·464	1·20	44.10225	9·8
...	24·265	+13·770	− 3	M	...
.	24·019	+30·294	0·65	.	...
.	−23·174	+11·813	1·00	..	...
*	23·079	+ 5·958	1·10	43.9616	9·8
.	22·350	−11·619	− 5	M	...
*	22·186	− 8·173	1·40	43.9617	9·6
...	20·356	+ 9·139	− 5	M	...
71					
...	−19·999	+ 9·116	− 2	M	...
*	19·775	+15·260	1·30	42.9442	9·6
	17·618	+11·882	− 5	M	.
...	17·502	−24·180	0·70	...	.
*	17·130	−55·578	1·05	...	...
.	−15·468	−27·070	− 3	M	...
	15·169	− 7·689	0·65	B	...
	15·010	−33·775	− 4	M	..
	14·421	− 8·047	− 5	M	.
†	14·287	+49·836	− 2	..	...

81–120

Notes					
81					
S *	−13·658	−21·095	1·40	43.9618	9·4
*	13·368	−36·152	1·00	...	...
...	13·309	+43·729	1·00	...	...
*	12·614	+52·645	2·00	42.9444	8·8
*	12·391	− 3·234	1·30	43.9619	9·6
...	−12·354	−10·561	0·65	B	...
...	12·179	+13·916	− 5	M	...
...	11·828	− 2·688	− 5	M	...
*	10·909	−41·045	1·40	43.9620	9·4
...	9·803	+21·962	0·70	A	...
91					
...	− 9·121	+51·583	1·10	..	...
*	9·016	−13·518	1·15	43.9621	9·8
...	8·992	−16·671	− 3	M	...
*	8·643	+25·469	1·00	...	...
...	8·439	+11·453	− 5	M	...
...	− 8·353	−12·247	0·70	...	...
*	7·915	−15·817	0·95	...	...
...	7·468	+38·211	− 1	B	...
S *	7·384	+11·805	4·00	42.9445	6·8
...	7·110	+35·506	0·75	...	...
101					
...	− 5·942	+24·584	0·85	..	...
...	5·299	+42·965	1·05	...	...
...	4·397	− 2·304	− 3	M m	...
...	4·261	−57·237	0·85	...	...
...	3·643	−50·708	0·70	m	...
...	− 3·630	+43·050	0·70	m	...
...	3·419	−29·069	− 5	M m	...
..	3·146	+ 3·235	0·75	B m	...
...	2·846	+22·306	− 1	M m	...
N	2·778	+32·211	0·85	..	...
111					
N	− 2·693	+32·245	0·80	...	...
...	2·398	+ 6·933	0·85	...	...
*	1·471	−40·551	1·15	43.9622	9·6
*	1·168	−48·183	1·30	43.9623	9·4
*	0·372	−12·745	1·40	43.9624	9·4
...	− 0·345	+ 4·261	− 5	M m	...
S *	− 0·285	+48·869	2·50	42.9448	8·4
..	+ 0·470	+12·404	− 5	M m	...
...	2·531	+ 2·154	0·75	D d	...
*	3·121	+33·873	1·20	42.9450	9·3

NM measured from 1, 118.
ES ... 54, 193.

11c, 111 42°·135, two stars; 42°·136, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
121–160					
121					
...	+ 3·406	− 6·938	0·70	° B *m*	...
...	4·408	+38·133	0·75	...	...
...	4·529	−14·123	− 5	M *m*	...
†	4·659	− 4·941	− 1	D *d*	...
‡	5·019	− 8·607	1·10	43.9625	9·0
*	+ 7·889	+ 8·334	0·95	...	...
...	10·686	−13·713	0·80	..	...
...	10·785	+33·649	− 1	*h*	...
S *	12·274	−15·284	2·20	43.9626	7·9
...	12·557	+34·105	− 3	*m*	...
131					
...	+12·675	+13·548	0·80	...	...
*	13·059	+51·502	1·50	42.9452	9·5
...	13·333	−27·986	0·90	...	...
S *	13·576	−46·645	3·00	43.9627	7·0
...	13·707	+47·769	− 1	*m*	...
...	+13·725	+25·781	− 5	*m*	...
...	14·555	−41·563	− 5	*m*	...
‡	14·955	− 5·590	1·05	43.9628	9·2
...	16·079	−26·289	0·80	...	...
...	16·630	+11·270	0·65	*m*	..
141					
...	+16·844	−21·898	0·75	*b*	...
...	17·489	+44·771	− 5	*m*	...
*	18·582	−15·120	1·20	43.9629	9·4
†	19·975	−56·591	0·65	...	...
...	20·895	−25·540	0·80	...	...
...	+21·996	+ 6·197	0·75	*b*	...
...	22·902	+ 1·609	− 5	*m*	...
...	22·965	+10·636	0·80	...	...
...	23·283	+40·130	0·65	*m*	...
*	23·602	+12·407	1·10	42.9453	9·8
151					
...	+23·951	+47·575	− 5	*m*	...
...	24·070	+47·239	− 4	*m*	...
*	24·262	−14·953	1·00	...	...
*	26·485	−18·208	0·90	...	...
...	27·414	−42·178	− 5	*m*	...
...	+28·330	−51·045	− 5	*m*	...
*	28·728	−57·125	1·00	...	...
...	28·952	−26·847	0·90	...	...
* [	29·331	−11·603	1·00	43.9630	9·6
... [	29·334	−11·552	− 3	*m*	...
161–200					
161					
...	+29·332	−40·267	− 5	*m*	...
*	29·740	−28·532	1·20	43.9631	9·4
*	30·572	+29·900	1·90	42.9454	8·8
...	30·948	−19·698	− 3	*m*	...
...	31·687	−42·228	− 5	*m*	..
*	+32·053	+26·131	1·90	42.9455	9·0
...	32·684	−24·584	0·85	..	...
*	32·705	+ 7·320	1·30	43.9632	9·2
...	32·833	+ 3·731	− 5	*m*	...
...	32·861	+47·860	− 5	*m*	...
171					
S *	+33·229	−52·259	2·00	43.9633	8·2
*	33·454	+10·456	1·30	42.9456	9·6
...	33·596	−47·631	0·95	...	...
...	33·671	−39·443	− 4	*m*	...
...	33·851	+51·369	− 5	*m*	...
...	+34·151	+ 4·329	− 5	*m*	...
..	34·167	+29·582	− 4	*m*	..
...	34·426	−57·218	0·95	...	...
...	34·522	−21·307	0·65	*a*	...
...	34·748	+50·081	− 1	*m*	...
181					
S *	+35·148	+45·128	2·00	42.9457	8·6
*	35·217	−35·238	2·00	43.9634	8·2
...	35·469	−21·889	0·75	..	...
...	35·474	− 2·932	− 4	*m*	...
*	35·934	+12·513	1·80	42.9458	9·2
†	+36·111	+24·963	0·80	...	...
...	36·239	+11·961	− 2	*m*	...
...	36·454	+51·932	0·85	...	...
...	36·696	+26·311	− 5	*m*	..
...	36·970	−25·651	0·75	...	...
191					
...	+37·981	+45·151	− 5	*m*	...
...	38·060	+13·613	0·70	*a*	...
...	38·775	+31·883	− 5	*m*	...
...	39·221	−58·354	− 1	*a*	...
...	39·256	−35·510	− 5	*m*	...
...	+39·577	−28·822	0·75	*a*	...
...	40·752	−34·495	0·70	...	...
*	41·591	+43·144	2·00	42.9459	9·6
...	41·722	+ 9·122	− 2	*m*	...
...	41·991	+42·616	− 2	...	...
201–240					
201					
..	+42·164	+59·819	0·85	° ...	...
.	42·366	+ 8·833	0·65	*m*	...
*	42·784	−18·033	1·10	43.9635	9·6
	43·206	−43·109	0·90	..	...
..	44·390	+38·636	1·00	..	...
.	+44·404	−17·117	− 2	*m*	...
...	45·421	− 3·949	0·95	...	...
...	45·972	−12·789	0·70	...	...
...	46·555	+15·213	0·75	...	...
...	46·598	− 9·072	0·70	*a*	...
211					
...	+47·049	−56·058	− 5	*m*	...
...	47·269	−30·808	0·90	...	...
...	48·014	+57·288	− 3	*m*	...
...	48·243	+31·731	− 4	*m*	...
...	48·405	−25·070	0·75	...	...
...	+48·958	−47·45?	1·00	...	...
...	48·961	+51·213	1·05	...	...
...	49·069	−30·012	− 5	*m*	...
*	49·601	+42·622	1·15	...	...
N *	50·815	+52·006	2·80	42.9460	8·1
221					
...	+50·989	+20·976	− 5	*m*	...
...	51·748	−35·501	0·70	...	...
...	51·974	−37·288	0·70	...	...
...	52·398	+43·368	1·00	...	...
...	52·448	−16·470	− 1	*e*	...
...	+52·789	−10·880	0·65	*e*	...
...	53·112	+20·066	0·75	...	...
...	53·804	+24·483	1·10	...	...
...	54·945	+41·453	− 2	...	...
...	55·070	+38·756	0·70	...	...
231					
...	+55·205	+17·228	− 5	*m*	...
...	55·289	+56·063	1·05	...	...
S *	55·340	+ 2·738	1·10	43.9636	9·4
...	55·391	+58·338	− 1	...	...
...	55·581	+46·366	0·80	...	...
...	+55·946	−56·451	− 2	...	.
...	56·554	−59·053	0·75	...	...
*	57·099	+49·694	1·35	42.9461	9·8
...	58·056	+17·782	− 5	*m*	...
...	59·303	−11·279	1·05	...	...

220. Mass. 42 ·136, two stars.

I					
1–10					
...	−59·342	−47·614	− 1	° ...	...
...	58·616	+43·281	0·80	...	...
...	57·209	+20·016	− 3	...	...
...	56·915	−35·570	− 5	...	...
...	56·792	−16·524	− 5	E	...
...	−56·660	+24·444	0·85	...	...
...	56·613	−10·919	− 5	E	...
...	56·102	+56·062	0·80	...	...
...	56·060	+58·343	− 4	...	...
...	55·823	+38·763	− 3	...	..
11–20					
11					
...	−55·709	+31·454	− 5	° ...	...
...	55·521	+46·374	− 1	...	...
S *	54·486	+ 2·755	1·00	43.9636	9·4
*	54·112	+49·735	1·15	42.9461	9·8
...	51·439	−58·969	− 5	...	...
*	−50·372	+41·397	1·40	42.9462	9·2
..	50·084	−11·130	0·90	...	...
*	49·895	+29·887	1·20	42.9463	9·4
...	48·374	+35·907	− 1	...	...
...	47·879	+37·011	− 3	..	...
21–30					
21					
...	−46·944	+38·896	− 5	° M	...
...	45·622	− 7·425	− 4	...	...
...	42·673	−15·590	− 5	M	...
...	40·822	−23·020	− 1	...	...
...	40·797	−29·912	− 4	A	...
...	−39·317	+55·303	− 5	...	...
...	37·484	+15·953	− 4	M	...
...	36·515	+20·503	− 2	...	...
...	36·321	−55·372	− 5	...	...
...	35·242	−46·430	− 2	...	...

ES measured from 1.
NM ,, ,, 82.

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
31–70					
31					
*	−34′613	+41′169	1·10	42.9465	9·2
...	34·302	+33·438	− 4	...	...
S *	34·135	+ 4·431	1·10	43.9637	9·2
..	33·94	− 3·0 2	− 1	...	...
*	32·792	+41·566	1·10	42.9466	9·5
..	−31·423	−23·959	− 3	...	...
...	31·289	−13·061	0·70	..	...
*	31·04	+45·926	1·00	42.9467	10·4
...	29·620	−47·732	− 5	...	...
.	28·495	−24·114	− 4	A	.
41					
...	−28·349	−52·367	0·70	...	...
..	27·291	−35·834	0·75	...	...
...	27·243	−26·392	− 2	...	..
...	26·859	+53·202	− 5	M	...
	26·715	+27·828	− 4	M	...
...	−26·223	+18·418	− 2	...	...
S *	25·832	−22·710	1·10	43.9638	8·8
	25·738	−27·792	− 4	...	...
	24·983	+18·200	− 2	.	...
...	24·404	+56 622	0·90	...	...
51					
.	−20·844	− 6·232	0·70	..	...
...	19·446	+47·936	− 3	.	...
*	19·118	+58·363	1·20	42.9468	10·1
...	16·891	+37·858	− 4	M	...
S *	15·438	−47·578	1·70	43.9639	8·1
...	−15·327	+26·049	0·70	.	...
...	14·308	+42·317	0·75	...	...
*	13·769	−21·804	0·95	43.9640	9·5
*	13·306	+10·959	0·95	42.9469	10·4
...	12·665	− 6·488	0·85	43.9641	9·6
61					
	−12·445	+39·79	− 5	.	.
	12·338	−13·493	− 1	...	..
...	11·624	+11·558	− 4	M	...
...	11·1 7	+43·475	− 5	..	...
S *	10·299	+31·640	1·10	42.9470	9·5
..	− 8·954	−57·064	0·65	..	...
*	8·488	−12·725	1·20	43.9642	8·8
...	8·365	−56·120	0·75	44.10249	9·6
..	8·144	+18·2 2	− 4	M	...
...	7·773	+ 1·665	− 3	...	...
71–110					
71					
...	− 7′754	−46·136	0·70	..	...
...	6·865	+13·659	− 2	...	...
...	6·834	−32·622	− 1	...	...
*	6·573	−11·151	1·55	43.9643	9·1
S *	5·291	−57·627	1·20	44.10250	8·6
...	− 5·240	−57·948	− 3	...	...
...	4·811	+ 6·656	− 4	M	...
...	3·197	+28·020	− 5	M *m*	...
...	2·430	−37·452	− 5	M *m*	...
...	2·342	+49·379	− 4	*m*	...
81					
...	− 1·349	−21·461	− 3	B *m*	...
...	+ 0·651	+10·628	0·70	M	..
...	0·734	−42·850	− 1	A *m*	...
...	1·775	−22·782	− 5	M *m*	...
...	1·935	−49·975	− 5	M *m*	...
...	+ 3·313	−57·352	− 5	M *m*	...
...	4·397	+58·331	− 5	...	...
...	4·669	+57·433	0·80	...	...
...	4·938	−23·201	0·75	...	..
*	5·471	+40·498	0·90	42.9472	10·6
91					
*	+ 5·487	+ 5·889	1·10	43.9644	9·2
...	5·785	−15·138	0·65	...	...
...	6·421	−18·495	0·65	...	...
...	6·789	+32·555	0·70	..	...
*	8·411	+44·653	0·95	42.9473	10·5
...	+ 9·703	−48·512	0·70	..	...
S *	10·823	+17·592	1·00	42.9474	10·2
...	11·631	+34·388	0·65	...	...
...	11·892	+26·894	0·75	...	...
...	12·538	− 3·373	0·75	43.9645	9·6
101					
...	+13·058	−26·319	0·65	...	...
...	14·289	−35·736	0·65	...	...
...	15·167	+29·929	0·70	...	...
*	15·234	+59·409	1·15	42.9475	9·7
...	16·488	−33·451	0·65	...	...
...	+16·922	−56·556	− 5	...	...
...	16·999	+29·720	− 5	*m*	...
	18·745	−24·779	1·10	43.9646	9·2
S ‡	19·939	−42·431	1·30	43.9647	8·3
..	22·408	−53·327	− 5	...	...
111–143					
111					
...	+22′991	−56′47	− 5	° ...	...
...	23·719	+49·260	− 5	*m*	...
...	24·561	−43·383	0·90	...	...
*	27·736	+55·886	1·60	42.9477	9·0
...	28·164	−51·612	0·80	...	...
...	+28·518	−28·073	− 5	*m*	...
*	28·785	+55·727	1·30	42.9478	9·8
...	29·023	−24·266	0·65	...	...
†	29·947	−44·321	0·70	...	...
...	30·321	+47·182	− 3	...	..
121					
...	+34·619	−10·589	0·65	*h*	...
*	35·764	− 1·205	1·00	43.9648	9·2
...	35·868	+ 35·224	− 5	*m*	...
*	36·392	− 0·261	1·50	43.9649	8·8
...	37·538	+53·969	0·75	...	...
...	+38·231	+36·286	− 1	...	...
...	38·851	−55·05	− 5	*m*	...
*	40·877	+34·688	1·00	42.9481	10·2
...	40·894	+34·525	− 4	...	...
...	41·513	−18·452	0·70	...	...
131					
*	+45·086	+27·482	1·15	42.9483	9·8
*	45·143	−37·450	1·10	43.9650	9·2
...	45·629	− 2·022	− 3	*h*	...
...	46·425	− 9·339	− 5	*m*	...
...	48·530	+44·757	− 5	...	...
...	+50·642	+29·031	− 4	...	...
...	50·791	+41·932	− 1	...	...
...	51·191	+31·691	− 5	*m*	...
S *	55·993	+39·734	1·15	42.9485	9·4
...	56·332	+ 4·414	− 5	*m*	...
141					
S *	+56·906	+ 2·775	1·15	43.9651	9·0
...	59·418	+33·264	− 5	...	...
...	59·766	+24·614	0·85	42.9486	10·5

Notes.	Co-ordinates. x.	y.	Diam. z.	C.P.D. No.	Mag.
1–10					
1					
S *	−54·919	+39·755	1·50	42.9485	9·4
S *	52·929	+ 2·835	1·15	43.9651	9·0
	50·704	+24·752	0·65	42.9486	10·5
*	49·726	+31·325	1·20	42.9487	9·8
*	47·870	− 2·429	1·0	43.9652	9·6
...	−47·623	+ 8·774	− 5	M	.
...	47·568	+ 13·21	− 5		.
†	44·597	+ 0·987	0·80	..	..
S *	43·712	− 3·8 6	1·0	43.9653	8·0
...	42·390	+25·0 9	0·80	...	...
11–20					
11					
*	−41·836	+45·649	1·20	42.9488	9·5
*	40·271	+46·650	3·00	42.9489	7·7
...	40·156	−35·463	0·80	43.9654	9·6
...	39·352	−16·469	− 4	...	...
...	38·208	−50·616	0·70	43.9655	9·6
...	−38·183	−50·831	− 5	M	...
...	37·874	+39·132	− 5	M	...
..	37·483	−48·565	− 5	M	...
..	37·403	−49 041	− 1	...	...
...	36·690	−40·854	1·00	43.9656	9·6
21–30					
21					
...	−36′590	+14′602	− 4	° A	...
...	36·488	+33·506	− 5	...	...
S *	33·836	−24·984	1·40	43.9657	8·8
...	33·648	+58·626	− 3	..	...
*	33·122	+55·114	2·40	42.9490	8·4
*	−32·240	−13·316	1·25	43.9658	8·9
‡	32·068	−54·263	1·40	44.10266	8·8
...	31·252	−30·068	− 5	M	...
...	30·073	+27·142	0·80	..	...
...	27·454	−26·121	0·75	...	...

NM measured from 1.
ES ,, ,, 55

Notes.	Co-ordinates.		Diam.	C.P.D.	
	″.	″.	−4.	No.	Mag.
31-60					
31					
...	−25·692	+30·727	−5	M	...
*	25·041	+ 1·288	1·20	43.9659	9·1
‡	24·778	−58·512	3·00	44.10268	7·2
...	23·258	+13·512	0·70	...	...
‡	21·468	− 9·452	1·00	43.9660	9·4
...	−21·352	−32·506	−5	M	...
...	20·206	+26·075	−1	...	...
...	19·354	+ 9·588	0·80	..	...
...	15·255	+12·858	0·70	...	...
...	14·327	+32·186	0·70	..	...
41					
...	−12·058	−48·472	−1	...	..
...	11·412	+48·585	1·00	42.9491	10·4
...	11·200	+49·949	−2	...	...
...	10·169	−21·252	0·75	43.9661	9·6
...	9·101	−48·906	0·80	43.9662	9·6
...	− 9·093	−45·058	0·65	...	...
...	−·282	+12·620	0·80	..	...
*	6·738	−11·559	1·20	43.9663	9·0
...	6·160	−41·628	−5	...	...
S *	5·740	+59·177	2·50	42.9492	7·9
51					
...	− 3·837	−25·919	0·70	...	...
..	3·465	+23·523	−5	..	...
...	2·457	+36·581	0·80	...	...
...	− 2·202	−49·858	−5	...	...
†	+ 0·298	−14·037	−4	...	...
...	+ 6·571	−29·743	−5	...	...
S *	6·728	+53·306	2·20	42.9493	8·4
...	6·885	+22·514	0·90	42.9494	10·4
S *	7·572	−36·889	1·60	43.9664	8·8
*	7·886	−40·482	1·10	43.9665	9·2
61-90					
61					
...	+ 7·893	+45·822	0·80	...	..
...	9·074	+14·780	0·90	42.9496	10·5
...	9·101	+51·145	0·95	42.9495	10·1
...	10·038	+47·600	1·00	42.9497	10·1
...	13·356	−53·982	−2	...	..
...	+14·802	+24·198	−3	..	...
...	16·709	−35·861	−5	...	...
..	16·756	−36·357	0·70	.	..
...	17·241	+32·977	−5	...	...
*	19·255	−19·247	1·80		
71				43.9666	7·5
S *	+19·493	−19·179	2·30		
..	20·041	−27·196	−3	..	...
...	23·938	+ 8·292	−3	...	...
...	24·399	−55·931	1·05	44.10278	9·4
...	26·136	+38·015	1·00	...	...
...	+26·330	−13·654	0·95	43.9667	9·4
...	26·817	+13·055	1·00	42.9498	10·2
...	27·260	+58·123	−3	...	...
...	28·481	−33·785	−1	...	...
*	29·529	−15·829	1·00	43.9668	9·2
81					
...	+29·794	− 2·780	0·70	...	...
*	29·950	−28·662	1·20	43.9669	9·1
...	32·241	+14·920	−5	...	...
...	36·399	+11·037	−3	...	...
...	36·496	− 4·236	0·80	...	...
...	+36·837	+ 7·471	1·00	43.9670	9·6
...	38·543	+38·453	−3	...	...
*	38·567	−32·810	1·10	43.9671	9·2
...	38·999	+15·732	−4	...	...
...	41·676	−35·709	0·95	43.9672	9·6
91-112					
91					
S *	+42·301	+37·998	2·60	42.9500	7·8
...	43·517	−27·828	−4	...	...
.	43·695	+43·315	1·00	42.9501	10·1
..	46·194	+52·075	−2	...	...
...	46·818	− 5·620	1·00	43.9673	9·6
...	+47·495	+13·372	−5	...	...
...	47·972	+16·636	−5	...	..
*	48·293	−25·786	1·20	43.9674	9·2
...	49·386	−58·975	1·30	44.10280	9·2
*	49·609	−24·857	1·20	43.9675	9·2
101					
...	+50·419	−26·735	−4	..	...
..	50·716	−30·004	−3	..	...
...	51·013	+15·475	−3	...	...
S *	51·022	−25·375	2·00	43.9676	8·0
...	51·688	+48·047	−5	...	...
...	+52·287	+42·343	0·90	42.9502	10·4
...	53·183	+ 9·152	0·95	42.9504	10·2
*	53·630	+33·897	1·80	42.9503	9·2
...	54·672	+38·341	−5	...	...
S *	57·112	− 5·606	3·00	43.9677	7·1
111					
*	+57·163	−18·074	1·15	43.9678	9·2
S *	58·443	−41·112	2·10	43.9679	8·0

Notes.	Co-ordinates.		Diam.	C.P.D.	
	″.	″.	−4.	No.	Mag.
1-20					
1					
...	−59·486	+47·934	−4	...	...
*	59·385	−25·016	1·10	43.9675	9·2
...	59·171	+15·353	−3	...	...
...	58·714	+42·246	0·95	42.9502	10·4
...	58·590	−59·117	1·30	44.10280	9·2
...	−58·506	−26·858	−5	..	...
...	58·120	−30·114	−3	..	...
S *	57·949	−25·478	2·20	43.9676	8·0
*	57·097	+33·841	1·80	42.9503	9·2
...	56·821	+ 9·093	1·00	42.9504	10·2
11					
...	−56·196	+38·304	−5	...	...
...	52·694	+17·962	−5	...	...
S *	52·428	− 5·535	3·00	43.9677	7·1
*	52·029	−18·000	1·20	43.9678	9·2
S *	50·071	−40·987	2·10	43.9679	8·0
...	−48·058	−52·481	−5	..	...
...	47·868	− 9·485	0·85	...	...
...	47·615	+12·921	0·70	...	...
*	47·521	+17·895	1·00	42.9505	9·8
...	47·149	−53·675	−1	44.10284	9·6
21-40					
21					
...	−46·850	−39·911	0·80	...	...
*	45·970	−50·552	1·15	43.9680	9·2
...	45·178	−34·349	0·95	43.9681	9·6
...	44·531	−12·803	−5	...	...
...	44·454	− 0·252	0·65	...	...
*	−43·618	−25·220	1·00	43.9682	9·4
...	42·147	+33·147	−5	.	...
...	41·921	+ 1·529	−5	M	...
...	36·513	+38·685	−5	...	...
...	35·496	+41·655	−5	...	...
31					
...	−34·794	+11·943	−2	..	...
...	34·511	−36·801	−1	.	...
*	34·038	+21·304	1·00	42.9506	10·1
*	33·220	+32·023	1·05	42.9507	10·2
...	33·039	−23·926	−5	...	...
...	−32·656	+46·587	0·75	...	...
*	32·580	−21·887	1·05	43.9683	9·2
...	32·413	− 0·859	−5	...	...
...	31·919	−28·483	−1	...	...
*	31·790	+11·914	1·00	42.9508	10·1
41-60					
41					
...	−30·256	+49·098	1·00	42.9509	10·1
...	28·412	+35·305	0·70	...	...
...	27·167	+ 9·322	−5	...	...
...	26·988	−55·054	−5	...	...
S *	26·768	+36·435	1·90	42.9510	8·6
...	−26·758	+38·213	1·00	42.9511	10·2
...	24·786	+19·366	−5	...	...
...	23·780	+35·356	0·65	...	...
S *	23·747	+10·582	1·10	42.9512	9·8
*	23·542	−24·990	1·05	43.9684	9·5
51					
...	−23·454	+17·544	−5	...	...
...	22·633	+41·107	−5	...	...
...	22·371	+38·998	0·65	...	...
...	22·000	+ 5·520	0·95	...	...
...	21·702	−40·636	−5	...	...
†	−19·932	−31·495	0·85	43.9685	9·6
...	18·558	−44·459	0·65	...	...
...	18·174	−37·545	−5	...	...
...	17·924	−22·603	−5	...	...
...	17·850	+43·046	−5	...	...

ES measured from 1.
NM ,, ,, 80.

61–90

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
61					
...	−17·762	−34·410	− 2	...	...
...	15·269	+13·783	− 4	...	...
...	14·767	+10·881	− 5	M	...
...	14·749	+ 5·358	0·70	...	...
...	14·251	+ 3·964	0·90	...	...
...	−14·216	+ 8·158	0·75	...	...
...	13·923	− 7·324	− 5	...	...
...	12·899	+21·938	0·65	...	...
...	12·615	+ 9·177	− 4	...	...
...	12·494	+41·650	0·75	...	...
71					
†	− 9·563	− 9·729	− 5	...	...
...	8·533	−24·200	− 3	...	...
...	7·504	− 8·916	0·75	...	...
...	7·095	−50·527	− 5	...	...
*	6·290	−13·225	1·00	43.9686	9·3
...	− 4·220	+50·672	− 5	m	...
...	3·768	− 6·338	− 5	...	...
*	1·689	−21·144	1·15	43.9687	9·2
...	− 0·116	+56·962	1·00	42.9513	10·2
...	+ 4·311	− 0·231	0·80	43.9688	9·6
81					
†	+ 5·007	−14·248	− 4	...	...
†	6·610	+15·198	− 5	m	...
...	7·448	−19·357	0·75	...	...
S *	9·006	+ 1·181	2·10	43.9689	8·2
...	12·324	−22·135	0·80	...	...
...	+12·694	+ 9·280	− 5	m	...
...	12·916	+ 7·988	− 5	...	...
...	13·367	+ 7·105	− 3	...	...
...	15·509	− 9·489	0·75	...	...
...	15·512	+41·171	0·95	...	...

91–120

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
91					
...	+16·185	−41·799	0·90	...	...
...	17·303	−30·330	0·70	...	...
...	17·542	−11·803	0·70	...	...
...	18·082	−40·533	− 5	...	...
...	19·227	+11·036	− 5	...	...
*	+19·498	−36·467	1·05	43.9690	9·4
...	19·814	+14·435	0·70	...	...
*	20·361	−19·881	1·15	43.9691	9·2
...	21·084	−38·795	0·75	...	...
*	21·470	− 1·594	1·00	43.9692	9·2
101					
...	+22·962	+59·114	− 5	...	...
...	23·127	−43·226	− 1	...	...
...	24·319	−35·582	0·70	...	...
...	25·135	+58·182	− 4	...	...
...	25·268	−26·800	0·70	...	...
...	+26·896	+37·510	− 3	...	...
...	27·278	+27·425	0·95	42.9514	10·3
...	27·283	−21·418	0·70	...	...
...	27·668	−25·002	1·10	43.9693	9·6
...	28·563	+ 6·824	− 5	...	...
111					
*	+29·583	+25·602	1·00	42.9515	9·6
S *	30·560	−36·934	2·30	43.9694	7·5
...	32·869	+44·059	0·80	...	...
...	37·036	− 1·684	− 5	...	...
*	37·068	−31·804	1·10	43.9695	9·3
S *	+37·489	+58·663	3·30	42.9516	6·8
...	41·520	−43·146	0·80	...	...
S *	42·145	+22·993	1·20	42.9518	9·4
...	47·517	−24·189	− 5	...	...
S *	48·195	−34·220	2·30	43.9696	7·8

121–128

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
121					
...	+48·245	+27·326	− 5	...	...
...	50·592	+58·182	0·75	42.9519	10·2
S *	50·727	+47·815	1·50	42.9520	9·0
...	53·356	+35·665	0·90	42.9521	10·3
...	54·582	+ 9·107	0·80	42.9522	10·3
S *	+55·109	−37·510	2·50	43.9697	7·6
...	55·873	− 5·360	− 3	...	...
*	57·669	−29·438	1·40	43.9698	8·8

1–20

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
1					
...	−59·115	− 7·824	− 3	...	...
...	58·554	−10·491	− 3	...	...
...	57·888	−11·845	− 4	...	...
...	57·613	−49·649	− 3	...	...
...	57·449	+35·589	0·90	42.9521	10·3
...	−57·117	−54·952	− 3	...	...
*	55·412	+ 9·075	0·90	42.9522	10·3
...	54·256	−24·331	− 3	...	...
...	54·049	+21·310	− 5	M	...
...	53·722	− 5·349	− 1	...	...
11					
S *	−53·487	−37·493	2·00	43.9697	7·6
...	51·591	+30·243	− 3	...	...
...	51·442	−24·020	− 5	...	...
...	51·309	+31·294	− 4	...	...
*	51·183	−29·364	1·00	43.9698	8·8
...	−50·978	− 6·649	− 5	...	...
*	50·450	+58·867	1·10	42.9523	9·6
†	50·106	+53·470	− 5	...	...
*	49·411	− 5·192	0·90	43.9699	9·5
...	48·309	+39·349	0·90	42.9524	10·2

21–40

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
21					
...	−47·844	−21·995	− 5	...	...
...	47·088	+44·714	− 3	...	...
...	46·090	+39·616	− 4	...	...
...	45·321	+ 1·215	− 1	...	...
...	44·365	−31·699	− 5	...	...
...	−44·043	−36·829	0·65	...	...
...	41·092	+55·644	− 3	...	...
*	43·901	−10·790	1·00	43.9700	9·6
...	42·856	−55·395	0·80	44.10296	9·6
...	42·631	+12·314	− 5	M	...
31					
...	−41·958	+51·078	− 3	...	...
...	41·883	−20·281	− 4	...	...
*	41·037	+40·410	1·00	42.9525	9·6
...	40·887	+13·058	− 5	M	...
...	40·681	+38·604	− 5	M	...
...	−40·522	+32·292	− 3	...	...
...	40·461	− 4·201	− 4	...	...
...	39·268	+ 6·034	− 4	M	...
...	38·867	−48·794	− 2	...	...
...	38·851	+11·162	0·70	...	...

41–60

Notes.	Co-ordinates. x.	y.	Diam.	C.P.D. No.	Mag.
41					
...	−38·680	+33·801	0·75	...	...
...	38·416	− 7·489	− 4	...	...
...	38·261	− 9·189	− 3	...	...
*	36·939	+13·337	0·95	42.9526	10·0
...	36·133	−26·817	− 3	...	...
...	−35·881	− 6·728	− 4	...	...
...	35·652	−57·773	− 1	...	...
...	35·332	−39·528	− 3	...	...
*	34·414	−31·038	1·30	43.9701	8·4
*	33·785	−53·116	1·00	44.10299	9·5
51					
...	−29·019	−39·795	− 5	...	...
...	28·449	+19·390	− 3	...	...
...	28·305	−50·544	− 5	...	...
...	28·247	−50·404	− 3	...	...
*	27·927	+48·557	1·00	42.9527	10·0
...	−27·455	−10·497	− 5	...	...
...	27·331	−48·115	− 5	...	...
...	25·980	+53·407	− 3	...	...
*	25·964	−39·032	0·85	43.9702	9·4
...	25·853	−36·752	− 5	...	...

MC measured from 1. 09.
ES ,, ,, 51, 137.

61–110

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
61					
...	−25·715	+43·560	− 5	M	...
...	25·102	+32·700	− 4	...	...
*	23·582	−40·797	0·95	43·9703	9·2
*	22·812	+36·795	1·00	42·9528	9·5
...	22·684	−44·412	− 3	...	...
...	−22·112	−33·437	0·70	43·9704	9·6
...	21·678	+21·756	− 5	...	...
...	21·639	+20·285	− 2	...	...
...	21·297	−52·992	− 5	...	...
...	20·733	+47·930	− 4	M	...
71					
S *	−20·312	−41·330	1·00	43·9705	8·8
*	20·141	+51·123	0·95	42·9530	10·2
S *	20·116	+38·251	1·00	42·9529	9·6
*	19·593	+ 0·679	1·80	43·9706	8·4
...	18·538	+47·524	− 5	...	...
*	−18·217	− 4·555	1·05	43·9707	9·2
...	16·767	+ 1·748	− 4	...	...
..	14·021	+48·452	− 4	...	..
...	13·459	− 6·242	− 4	...	...
...	13·432	−47·377	− 5	...	...
81					
...	−12·609	−12·707	− 5	...	...
...	12·471	−27·961	− 5	...	...
*	10·805	− 6·555	1·05	43·9708	9·4
...	10·173	+ 4·697	0·75	...	...
...	9·165	−50·700	− 5	...	...
...	− 9·141	−28·666	− 5	..	...
...	8·521	−56·480	0·70	...	...
...	7·064	+37·947	− 2	...	...
S *	6·525	−24·164	4·45	43·9709	6·5
...	6·013	+35·498	− 3	...	...
91					
*	− 5·724	−43·036	1·00	43·9710	9·3
...	4·468	−47·734	− 2	...	...
S *	3·467	+52·762	1·05	42·9533	9·1
*	3·048	−17·770	2·50	43·9711	7·4
S *	2·483	+ 5·622	1·25	43·9712	8·4
*	− 1·993	−22·756	0·90	43·9713	9·5
...	0·783	−39·402	− 5	...	...
†	− 0·314	−30·989	− 5	...	...
...	+ 1·300	− 5·213	− 5	B m	...
...	3·773	+58·138	0·85	42·9534	10·2
101					
...	+ 4·038	−30·979	− 5	...	...
...	4·164	−30·753	− 5	...	...
*	5·201	−47·171	0·95	43·9714	9·4
...	5·818	−17·357	− 4	...	...
...	5·874	−37·290	− 2	...	...
...	+ 7·029	+31·113	− 4	...	...
...	7·510	−51·341	− 4	...	...
S *	8·254	−31·243	1·15	43·9715	8·6
..	8·294	−54·116	− 3	...	...
...	9·602	−34·077	− 5	...	...

111–160

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
111					
...	+ 9·826	+40·645	− 1	°	...
...	11·177	−11·855	− 3	...	...
...	11·408	−15·974	− 3	...	...
..	12·455	−33·409	− 2	...	...
...	13·054	+21·920	− 3	...	...
*	+13·353	−39·836	0·90	43·9716	9·4
...	14·564	+ 6·467	− 5	m	...
...	15·937	+15·596	− 3	...	..
...	16·507	+28·970	− 5	m	...
*	17·253	−28·443	0·95	43·9717	9·6
121					
...	+18·059	+40·481	− 1	42·9536	10·3
...	18·138	−57·911	− 5	...	...
...	18·203	−36·513	0·65	...	...
...	19·461	−30·965	− 2	...	...
...	20·301	+38·123	− 4	...	...
...	+22·054	+21·338	− 4	m	...
..	22·206	−28·460	− 4	...	...
...	22·232	+18·291	− 4	m	...
...	22·849	+58·763	− 3	...	...
...	25·109	−23·314	− 5	...	...
131					
...	+25·982	+30·270	− 1	...	...
...	26·143	+23·444	− 5	m	...
...	27·167	−40·268	− 5	a	...
*	27·612	−54·333	0·95	44.10309	9·5
...	27·943	+44·344	− 5	...	...
*	+29·127	+58·428	1·00	42·9537	9·6
...	30·123	−42·043	− 5	...	...
...	30·355	−15·158	0·65	...	...
S *	30·521	−19·825	1·15	43·9718	8·4
...	30·654	+58·708	− 3	...	...
141					
...	+30·969	+31·579	− 2	...	...
...	31·445	−55·144	− 3	...	...
...	32·094	+27·652	− 4	...	...
...	32·723	−59·067	− 4	...	...
...	34·977	+48·279	− 4	...	...
...	+35·236	−28·341	− 5	...	...
...	35·570	−44·473	− 5	...	...
...	35·890	+14·456	− 2	...	...
...	36·544	− 7·175	− 3	...	...
...	37·043	+50·101	− 4	...	...
151					
...	+38·096	+46·924	− 5	...	...
...	38·358	+24·283	− 5	m	...
*	39·295	−25·142	0·90	43·9719	9·6
†	39·652	−37·690	− 5	...	...
*	40·311	+44·292	1·20	42·9539	9·0
...	+40·570	−18·752	− 5	...	...
...	40·708	−35·990	− 5	...	...
*	41·386	+16·022	1·05	42·9540	9·4
...	41·453	+29·625	− 4	...	...
...	42·114	−15·189	− 5	...	...

161–195

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
161					
...	+42·772	+17·485	− 5	...	...
...	42·780	−31·742	− 5	...	...
...	45·204	+44·145	0·70	...	...
..	45·460	+33·333	0·70	42.9541	10·3
...	46·456	+ 4·642	− 3	...	...
...	+46·609	−45·638	− 4	...	...
...	46·822	+18·772	− 5	m	...
...	47·210	−51·764	− 3	...	...
...	47·727	+ 8·917	− 4	...	...
*	47·847	−50·953	1·05	43.9721	8·9
171					
*	+48·017	−17·023	1·70	43.9720	8·0
...	48·615	+34·248	− 5	m	...
...	48·941	−24·277	− 5	...	...
...	49·671	−20·657	− 2	...	...
*	50·637	+39·755	1·10	42.9543	9·5
S *	+50·806	−48·839	1·30	43.9722	8·4
...	51·634	−20·601	− 3	...	...
S *	51·636	+29·641	1·20	42.9544	9·0
...	52·116	−35·401	− 5	...	...
...	52·666	+54·975	− 5	...	..
181					
...	+53·766	+36·682	− 5	...	...
...	54·052	+24·673	− 5	...	...
...	54·338	−31·784	− 5	...	...
†	54·516	+40·772	− 2	...	...
...	54·630	−27·801	− 3	...	...
...	+55·142	− 3·624	− 2	...	...
S *	56·144	−14·566	1·05	43.9723	9·0
...	56·172	+52·582	− 3	...	...
*	56·308	+ 9·450	1·00	42.9545	10·0
...	56·463	−12·186	− 5	...	...
191					
...	+56·640	+10·634	− 5	...	...
†	57·259	−39·841	− 3	...	...
*	57·351	− 8·396	1·20	43.9724	8·8
...	58·431	−11·180	− 5	...	...
...	59·029	+44·818	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
1-30					
1					
..	−59·453	−20·8-3	−5	...	...
S *	58·961	+29·524	1·30	42.9544	9·0
S *	57·472	−48·933	1·80	43.9722	8·4
...	56·409	+40·748	−5	...	...
...	54·476	− 3·6-3	−3	...	...
...	−54·283	−27·792	−5	...	...
...	53·714	+ 9·490	0·80	42.9545	10·0
S *	53·158	−14·523	1·05	43.9723	9·0
*	52·118	− 8·311	1·20	43.9724	8·8
...	50·293	+50·822	−5	...	...
11					
...	−49·287	−22·759	0·75	43.9725	9·5
...	48·613	+29·495	−1	42.9546	10·3
...	48·399	+ 1·697	−5	...	...
...	47·335	+10·619	−2	42.9547	10·2
..	46·930	+27·650	−4	42.9548	10·3
...	−45·777	+ 0·470	−4	..	...
...	45·758	−14·224	−5	...	...
S	43·648	+14·562	1·00	42.9549	9·6
...	40·063	+ 2·321	0·70	43.9727	9·6
†	39·916	−48·283	−1	43.9726	9·6
21					
...	−39·449	−38·998	−5	...	...
†	37·777	+ 0·317	−3	...	...
..	34·190	+22·121	0·80	42.9550	9·6
..	32·297	+15·666	−3	42.9551	10·2
.	27·332	−43·089	−5	...	..
...	−24·135	−23·263	−4	...	...
...	22·340	−24·783	−5	...	...
..	17·626	− 8·594	0·75	43.9728	9·5
...	16·574	−22·423	−5	...	...
...	16·345	+23·887	0·75	42.9553	9·6
31-60					
31					
*	−15·893	−43·419	1·00	43.9729	9·0
...	15·807	−32·910	−4	...	...
...	12·719	−43·219	−4	...	...
*	7·947	+29·432	2·00	42.9555	7·8
...	7·551	−36·945	−3	...	...
...	− 5·680	+34·717	−2	42.9556	10·2
...	5·460	−44·846	−5	...	...
...	4·278	+56·850	0·65	42.9557	9·8
S *	3·000	+39·990	1·20	42.9559	9·0
...	2·774	+10·871	− 5	42.9558	10·2
41					
S *	− 1·092	−41·776	2·00	43.9730	7·6
...	+ 0·839	+37·065	0·80	42.9560	10·2
...	1·450	+19·070	− 2	...	...
..	4·608	+46·698	0·95	42.9561	9·8
...	5·530	− 0·398	− 4	a	...
...	+ 5·941	−47·139	0·65	..	...
...	7·761	−30·732	− 5	...	...
...	9·156	+ 5·774	0·70	...	...
*	9·484	−23·825	1·00	43.9731	9·3
...	9·572	−22·451	− 5	a	...
51					
...	+11·581	+10·461	− 1	...	...
...	11·695	−14·543	0·65	...	...
*	11·915	−24·324	1·00	43.9732	9·4
*	13·033	− 3·141	1·00	43.9733	9·5
‡	14·826	−23·207	1·60	43.9734	8·4
...	+18·000	+ 6·315	0·85	43.9735	10·2
*	18·873	−44·177	2·20	43.9736	7·2
...	19·748	−49·934	0·65	...	...
‡	21·488	−54·641	1·20	44.10318	8·9
...	22·054	+39·655	− 5	...	...
61-90					
61					
...	+22·357	+52·465	− 2	...	...
...	22·777	−20·472	0·85	...	...
..	24·307	−39·534	− 5	...	...
...	25·374	+48·234	− 2	...	...
...	25·523	+59·351	− 3	42.9563	10·3
...	+26·645	+40·540	0·70	42.9564	10·3
...	26·816	+12·346	− 5	...	...
...	28·073	+ 3·085	− 4	a	...
*	28·903	−23·732	1·70	43.9737	8·4
	29·256	− 8·605	0·85	...	...
71					
...	+31·030	+54·426	− 1	...	...
S *	31·625	+50·838	2·75	42.9565	7·2
S *	35·512	−40·591	2·80	43.9738	7·0
S *	37·516	− 6·719	1·20	43.9739	8·4
...	39·576	−12·513	0·80	..	..
*	+40·572	−31·270	1·00	43.9740	9·3
*	42·461	− 7·286	1·10	43.9741	8·9
S *	46·141	+11·671	1·20	42.9567	9·0
...	46·657	−33·899	− 5	...	...
...	46·708	−45·097	− 1	...	...
81					
...	+48·907	+58·448	− 5	42.9569	10·3
...	50·269	+22·275	− 3	...	...
...	51·771	+12·539	− 1	...	...
*	51·771	−46·103	1·60	43.9742	9·2
...	53·883	+41·679	0·95	42.9570	10·2
...	+54·599	+19·122	− 4	...	...
...	55·493	+58·495	− 5	42.9571	10·3
S *	56·794	−27·363	2·00	43.9743	7·9
...	58·051	+21·236	− 5	...	...
...	58·537	+16·462	0·90	42.9572	10·2

LB measured from 1.
ES ,, ,, 42.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
1-20					
1					
..	−58·332	+12·435	0·95	...	...
..	57·050	+41·626	1·15	42.9570	10·2
.	56·600	−46·169	1·60	43.9742	9·2
...	56·516	+26·957	− 5	.	...
...	55·686	+58·52-	0·65	42.9571	10·3
..	−55·704	+19·119	0·85	...	...
..	55·161	+27·954	− 5	M	...
..	53·919	+21·024	− 5	M	...
	53·153	−26·742	− 5	M	...
...	52·3-0	+21·317	0·80	...	...
11					
S *	−52·12-	−27·294	2·80	43.9743	7·9
	52·118	7·35-	0·70	D	..
	51·680	+16·565	1·10	42.9572	10·2
	51·441	−33·786	0·80	.	...
...	47·629	− 0·084	− 5	M	...
.	−46·309	+45·0-5	1·15	42.9573	9·5
...	45·692	+11·887	0·75	...	..
...	45·161	− 5·53-	− 5	M	...
...	44·-77	−34·381	1·05	...	...
...	44·348	+16·879	− 5	M	...
21-40					
21					
...	−43·745	−48·620	1·20	...	...
..	43·716	+13·931	0·80	...	...
...	41·103	−20·535	− 5	M	...
...	41·028	+ 6·019	0·95	...	...
...	39·740	+13·484	0·85	...	...
*	−38·941	− 7·113	1·20	43.9744	9·9
...	38·813	+35·481	0·70	A	...
S *	38·707	−21·649	1·90	43.9745	8·6
...	38·636	−30·838	1·10	...	...
...	38·3-7	−44·071	− 4	B	...
31					
†	−37·654	−24·988	0·70	...	...
...	37·014	+56·333	− 5	...	...
...	36·136	+17·865	0·65	...	...
..	36·072	+10·710	0·8	...	...
†	35·047	+28·745	1·15	42.9574	10·2
.	−34·146	+10·233	0·80	...	...
...	33·636	−27·684	0·90	..	...
...	33·485	− 4·564	0·65	D	.
...	33·161	+56·150	0·95	...	...
...	33·005	− 4·268	0·65	D	...
41-60					
41					
...	−29·798	+ 3·417	0·80	...	...
S *	28·102	+52·395	1·80	42.9575	9·0
...	27·057	− 9·004	0·70	...	...
...	26·629	−47·158	− 5	M	...
...	26·025	+54·373	− 1	..	...
...	−25·984	+ 6·770	0·75	..	...
...	24·260	− 3·806	− 5	M	...
...	23·779	−56·585	− 2	.	...
...	23·093	+59·263	0·80	...	...
...	20·244	+ 7·405	− 3	...	...
51					
*	−20·105	+34·764	0·90	..	..
...	19·617	−25·290	− 5	M	..
*	19·552	−19·197	1·20	43.9746	9·8
...	18·674	−42·458	0·80	...	...
*	16·158	+44·105	1·00	..	...
...	−15·878	−53·585	− 2	.	...
...	15·740	− 7·261	− 2	..	..
...	15·644	−25·940	− 3	B	...
...	15·233	−26·194	0·70	..	...
...	15·153	+13·193	− 5	M	...

NM measured from 1. 29.
LB ,, ,, 41. 134.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
61–110					
61					
...	−12′442	+12′584	−4	° M	...
...	12·097	+26·206	−4	...	...
...	10·914	+21·893	0·70	...	...
...	8·540	+28·625	0·65	...	...
...	7·528	+48·735	−4	...	...
...	− 7·402	−56·018	−1	...	...
...	7·340	−31·298	−4	M	...
...	6·985	+26·867	0·65	...	...
...	5·411	+20·835	0·75	...	...
...	5·335	−29·542	−5	M *m*	...
71					
S *	− 4·422	+39·686	1·30	42.9578	9·0
...	3·934	− 0·202	−3	M *m*	...
S *	3·685	− 1·748	1·20	43.9747	9·4
*	3·476	−31·496	0·85	43.9748	9·9
...	2·356	+25·966	−4	M *m*	...
...	− 2·246	−56·782	−1	A *m*	...
..	0·608	+50·438	0·85	...	...
...	0·353	+ 6·975	−5	M *m*	...
...	+ 1·648	+ 2·586	0·80	M	...
...	1·701	+42·588	0·85	...	...
81					
S *	+ 1·906	+27·714	3·10	42.9579	7·2
...	2·239	+51·203	0·70	...	...
...	2·294	−17·707	0·75	M	...
*	2·490	−23·749	1·00	...	...
*	2·511	+51·142	1·50	42.9580	9·2
...	+ 2·616	+17·617	−5	M *m*	...
*	3·311	+ 3·890	1·10	43.9749	9·9
...	3·518	+37·393	1·00	...	...
...	3·870	+ 9·206	0·75	M	...
*	4·258	−45·261	1·10	43.9750	9·9
91					
*	+ 4·758	+25·639	1·40	42.9581	9·2
...	5·825	+30·068	−2	*m*	...
...	6·155	−42·895	−3	*m*	...
...	6·977	−13·089	0·65	*b*	...
...	7·626	− 7·013	−5	*m*	...
...	+ 7·733	+50·662	0·80	...	...
*	9·088	−51·063	1·40	43.9751	9·7
...	9·680	+32·929	−5	*m*	...
*	10·679	+40·060	1·00	...	...
...	11·086	+ 6·016	0·70	...	...
101					
S *	+11·307	+17·256	2·70	42.9582	8·0
...	11·555	+24·083	−5	*m*	...
...	12·014	+51·080	−5	*m*	...
...	12·974	+25·252	−5	*m*	...
...	13·031	+19·771	0·85	...	...
...	+14·326	−32·057	0·75	...	...
...	15·437	− 0·137	0·65	*b*	...
...	16·139	+47·773	0·70	...	...
*	16·287	+41·674	3·00	42.9583	7·0
...	16·491	+42·889	0·95	...	...
111–160					
111					
...	+16′518	+47′751	−5	° *m*	...
...	17·139	−12·162	0·80	...	...
..	17·808	− 5·030	0·85	...	...
..	18·539	+59·488	−5	*m*	...
..	18·635	+33·577	1·05	...	...
..	+19·404	−20·379	−1	*d*	...
...	19·511	+56·503	0·80	...	...
S *	20·616	−29·748	1·10	43.9752	9·6
...	20·983	− 7·592	−3	*m*	...
...	21·056	−50·726	−5	*m*	...
121					
...	+21·863	−40·398	0·80	...	...
†	21·965	− 9·941	0·65	*b*	...
...	22·038	+42·585	1·10	...	...
...	22·341	−17·011	1·00	43.9753	9·9
...	23·074	−11·948	−2	*m*	...
...	+23·738	−37·521	0·85	...	...
...	23·949	+ 1·814	−5	*m*	...
...	24·430	+28·073	−5	*m*	...
...	25·065	+55·436	−3	...	...
...	25·432	−12·160	−5	*m*	...
131					
...	+26·037	−39·186	0·70	*b*	...
...	28·110	+53·012	1·20	...	...
...	28·526	+17·222	−5	*m*	...
...	31·026	+53·748	−4	...	...
...	32·919	+42·061	−3	*m*	...
...	+32·933	−18·739	0·65	...	...
‡	33·689	−29·757	1·00	43.9754	9·8
...	33·934	+23·901	0·80	...	...
...	34·162	−34·299	0·65	...	...
...	35·796	+42·188	−1	...	...
141					
*	+35·902	+16·091	1·20	42.9584	9·8
...	35·983	− 6·398	0·65	...	...
...	36·427	+47·350	−1	...	...
...	37·122	+ 2·780	0·70	...	...
...	37·559	−50·512	0·95	43.9755	9·9
...	+37·815	−57·696	0·85	...	...
...	38·040	−51·477	−2	*b*	...
...	38·473	−25·174	0·80	...	...
...	40·101	−52·764	0·90	44.10342	9·9
...	40·457	−17·335	0·70	*b*	...
151					
...	+40·631	−34·904	−5	*m*	...
...	40·755	−40·608	0·90	...	...
...	42·440	+51·171	−1	...	...
...	42·789	+23·061	−3	...	...
...	42·883	− 4·453	−4	*m*	...
...	+43·365	+21·749	−4	*m*	...
...	43·702	−25·337	1·05	43.9756	9·9
...	43·987	−27·703	0·80	...	...
...	45·001	+10·907	−1	*a*	...
...	46·548	+44·761	1·10	...	...
161–183					
161					
...	+46′901	−12′757	−1	° *b*	
...	47·564	+25·090	−4	...	...
...	48·164	+12·441	−4	*m*	...
...	48·209	−32·513	0·80	...	...
*	48·711	−14·556	3·20	43.9757	6·3
S *	+49·349	+21·055	1·60	42.9585	8·9
S *	51·384	−10·443	5·00	43.9758	5·4
*	53·755	−35·450	1·20	43.9759	9·6
...	54·143	+45·911	−3	...	...
...	54·720	−33·164	0·80	.	..
171					
*	+56·832	+44·700	2·00	42.9586	9·2
...	56·931	−36·360	−4	*m*	...
...	57·046	−19·727	0·90	...	...
*	57·230	+59·198	3·00	42.9587	8·6
*	57·715	−42·701	1·40	43.9763	9·4
*	+57·736	−19·600	1·20	43.9761	9·2
...	57·741	+33·788	−4	...	...
*	57·846	+ 3·187	1·00	43.9760	9·8
*	58·041	−27·065	1·05	43.9762	9·9
*	58·601	−41·634	1·80	43.9765	9·0
181					
...	+58·821	−43·724	−5	*m*	...
...	58·898	+28·682	−4	...	...
*	59·083	+ 5·935	1·00	43.9764	9·9

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1-40					
1					
S *	−58·017	−10·554	5·00	43.9758	5·4
...	54·939	−35·468	1·15	43.9759	9·6
*	54·278	+59·235	1·90	42.9587	8·6
*	54·239	+44·738	1·20	42.9586	9·2
..	54·039	−33·161	−5	..	...
...	−52·097	−19·645	−1	...	...
*	51·987	+ 3·279	1·00	43.9760	9·8
*	51·390	−19·499	1·30	43.9761	9·2
...	50·895	−26·955	0·90	43.9762	9·9
*	50·822	+ 6·065	1·00	43.9764	9·9
11					
...	−50·743	−42·601	1·05	43.9763	9·4
*	49·902	−41·500	1·80	43.9765	9·0
...	49·067	+ 5·389	−4	...	...
...	47·415	+20·381	−3	.	...
...	46·024	−44·562	−3	..	...
...	−45·919	−27·213	0·90	43.9766	9·9
*	44·373	+22·866	1·30	42.9588	8·9
*	43·616	+42·705	1·15	42.9589	9·2
...	43·594	−53·344	−1	44.10346	9·9
‡	42·967	+25·215	1·30	42.9590	8·7
21					
...	−41·039	−16·724	0·65	...	...
S *	40·629	−41·476	1·70	43.9767	8·6
‡	39·727	+ 4·912	1·70	43.9768	8·8
S *	36·560	+23·391	2·00	42.9592	7·8
S *	35·911	+47·341	1·40	42.9593	8·8
...	−35·284	+11·399	−1	...	...
...	35·015	−23·970	−1	...	...
...	31·677	−14·910	−4	...	...
..	30·793	+32·811	1·00	42.9594	9·6
...	27·982	−25·420	−5	...	...
31					
...	−27·656	− 9·856	−3	...	...
..	27·531	+44·306	−5	...	...
...	27·129	−12·143	−3	...	...
...	26·424	+ 6·636	0·65	..	...
...	26·178	−26·455	−1	...	...
*	−25·505	+52·775	2·20	42.9595	7·8
†	24·291	−32·449	1·10	43.9769	9·4
...	23·199	+15·602	−1	...	..
...	22·745	− 3·218	−4	A	...
*	21·159	+47·983	1·00	42.9596	9·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
41-80					
41					
...	−19·495	−22·180	−5	A	...
...	18·642	−14·514	−5	...	...
...	16·273	+41·071	−5	..	...
..	16·041	+25·509	−3	..	...
*	15·688	+58·223	2·00	42.9597	8·0
...	−15·480	+45·336	−3	...	...
...	12·712	+50·271	−4	...	...
...	11·832	+ 6·196	−5	M	...
S *	9·617	−25·510	1·00	43.9770	9·2
...	8·567	−13·680	0·65	...	...
51					
...	− 8·350	−25·810	−4	...	...
*	7·987	−54·258	1·60	44.10357	9·0
*	3·601	−10·380	1·00	43.9771	9·2
..	2·864	−43·031	−5	M *m*	...
...	0·279	+26·793	−4	...	...
...	+ 0·485	+31·949	0·90	42.9598	10·0
S *	0·522	−48·862	1·70	43.9772	8·5
†	0·925	−19·726	0·80	43.9773	9·8
S *	1·625	+41·852	1·50	42.9599	8·7
...	1·936	−10·951	0·85	43.9774	9·8
61					
...	+ 3·144	−35·883	−5	M *m*	...
...	3·566	−29·331	0·70	...	...
...	4·393	−52·354	0·75	...	...
*	4·515	+47·804	1·10	42.9600	8·9
...	5·765	+18·771	−2	...	...
...	+ 8·771	+17·900	−5	...	...
*	8·840	+51·382	2·00	42.9601	8·4
*	10·281	−42·262	1·60	43.9775	9·0
...	12·389	+33·350	0·80	...	...
*	12·845	+51·878	2·70	42.9602	7·8
71					
...	+13·158	+45·231	−3	...	...
S *	13·504	−24·416	1·70	43.9776	8·6
...	17·061	−17·729	−5	..	...
S *	18·050	+10·605	2·50	42.9603	7·6
...	18·296	+56·413	−5	*m*	...
...	+20·767	−26·553	0·70	43.9777	9·9
...	22·033	+21·210	0·75	...	...
..	22·764	−28·984	−5	*a*	...
...	23·944	+ 9·060	0·70	...	...
..	27·289	−58·508	−1	...	..

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
81-98					
81					
...	+28·537	−36·035	0·65	° ...	...
...	29·165	+21·667	0·70	...	...
...	29·716	−46·560	0·80	...	...
*	31·239	−25·168	1·20	43.9778	9·8
S *	34·459	+50·183	2·00	42.9604	8·2
...	+35·678	+36·016	−5	...	...
...	36·075	+ 6·623	0·65	...	...
...	37·168	+53·655	−5	...	...
...	37·178	− 5·975	0·80	...	...
S *	38·049	−48·293	1·15	43.9779	9·4
91					
...	+40·562	+ 8·014	0·80	...	...
S *	43·109	−35·100	2·50	43.9780	7·3
...	43·960	+54·879	−5	...	...
...	44·410	−22·905	0·80	...	...
*	46·149	+49·511	1·20	42.9606	9·6
...	+49·265	− 4·001	0·85	43.9781	9·9
...	55·175	+24·676	0·80	...	...
...	58·326	− 8·355	0·90	43.9782	9·9

ES measured from 1.
NM .. .. 56.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1-10					
1					
...	−58·142	−36·157	−1	° ...	...
...	56·768	−47·432	−5	M	...
†	55·299	+24·693	0·90	..	...
...	54·077	−23·751	−5	M	...
...	52·314	−23·507	−5	M	...
..	−51·214	+16·864	−5	M	..
*	51·160	− 8·264	1·05	43.9782	9·9
...	49·346	−23·049	−3	B	..
...	49·085	−21·870	−5	M	...
S *	48·348	+ 5·886	1·80	43.9783	8·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
11-20					
11					
..	−47·422	−38·035	0·80	.	..
...	46·321	−41·246	−4	M	...
...	46·196	+14·246	−4	M	...
..	46·016	+ 7·283	0·70	...	...
*	45·314	− 5·802	1·30	43.9784	9·7
...	−45·091	−15·802	0·70	B	...
...	45·055	−43·950	0·65	...	...
†	44·812	−52·086	0·95	44.10367	9·9
...	44·179	−44·429	0·65	...	...
S *	41·808	−48·797	1·80	43.9785	9·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
21-30					
21					
*	−41·773	+52·927	3·20	42.9607	7·3
*	41·256	−56·188	1·20	44.10369	9·8
...	40·352	+32·905	−2	...	...
...	38·815	+13·781	−3	M	...
...	37·991	+48·993	−5	M	...
...	−37·935	+27·829	0·80	...	...
S ‡	37·402	+34·626	2·00	42.9608	8·2
...	37·387	−36·007	0·75	...	...
...	37·120	+36·206	0·75	...	...
...	36·769	−38·001	0·70	...	...

NM measured from 1.
ES .. .. 93.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. z.	C.P.D. No.	C.P.D. Mag.
		31–90			
31					
...	−34′856	+24′518	− 4	...	...
...	33·981	+55·322	− 5	...	.
...	33·823	−23·347	− 3	B	...
...	33·635	− 7·586	0·80	...	...
...	33·557	−48·356	− 5	M	...
*	−33·486	+22·143	1·00	...	...
†	32·227	+44·727	0·90	...	...
...	32·082	+42·777	− 5	...	...
*	32·045	+17·648	1·00	...	...
*	31·459	+56·322	1·80	42.9609	9·0
41					
...	−31·167	−37·557	− 5	M	...
...	29·095	+35·129	0·80	...	...
...	27·643	−33·740	− 4	M	...
...	27·506	+13·902	− 5	M	...
...	27·379	+ 7·440	− 5	M	...
...	−26·984	−11·651	0·70	B	...
*	26·284	− 3·322	0·95	...	...
†	25·138	+47·536	0·75	...	...
...	24·184	−15·321	0·75	...	...
...	24·078	−23·326	− 1	B	...
51					
...	−23·054	−17·458	0·70	B	...
...	21·839	+16·207	0·75	...	...
*	21·065	+10·935	0·95	...	...
...	21·054	−30·261	0·80	...	...
...	20·969	+36·688	0·70	...	...
...	−20·675	+ 1·528	− 5	M	...
...	20·399	+50·808	− 5	M	...
...	19·693	+ 5·245	− 5	M	...
...	18·602	+10·658	0·70	B	...
...	18·473	+46·020	− 5	M	...
61					
...	−17·832	+47·871	− 5	...	...
*	17·326	−16·705	1·10	43.9786	9·9
S *	16·671	−45·680	1·30	43.9787	9·6
...	16·018	+29·430	− 5	...	...
*	16·015	−20·724	1·00	...	...
...	−15·992	−19·361	− 5	M	...
*	15·840	+41·197	1·30	42.9611	9·6
‡	15·086	+59·525	1·20	42.9612	10·0
...	14·582	−41·445	0·75	B	...
...	14·265	− 9·737	0·70	B	...
71					
...	−14·242	+10·929	− 5	M	...
...	13·255	−38·428	0·80	...	...
...	12·105	−23·824	0·70	B	...
...	12·053	+32·280	0·80	...	...
...	11·873	+41·577	− 2	...	...
S *	−11·785	+32·247	1·90	42.9613	8·4
...	11·549	+55·902	1·10	...	...
*	11·194	+ 7·178	1·20	43.9788	9·7
...	11·185	−50·426	− 5	M	...
...	11·078	+34·473	0·80	...	...
81					
*	−10·652	+15·704	1·10	42.9614	10·0
*	9·650	+37·827	1·20	42.9615	10·0
...	9·369	−49·074	− 5	M	...
*	8·540	+32·669	1·05	...	...
*	7·981	+27·606	1·15	42.9616	9·8
...	− 7·964	+27·519	− 2	...	...
...	7·778	+15·502	− 3	M	...
*	5·263	−50·470	1·20	43.9789	9·9
*	4·947	+ 9·945	2·00	42.9617	8·5
*	3·558	+ 8·614	3·00	42.9618	7·3
		91–150			
91					
...	− 3·027	−26·422	0·70	°B *m*	...
...	− 2·917	+58·356	0·65	...	...
...	+ 0·409	− 2·564	0·70	B *m*	...
...	0·988	−36·526	0·80	...	..
...	1·094	+51·177	− 3	*m*	..
...	+ 1·243	+ 0·648	0·70	B *a*	...
...	2·553	+18·975	− 4	M *m*	..
*	4·104	+23·400	1·50	42.9620	8·9
...	5·067	−10·427	− 5	*m*	..
*	5·956	+35·479	1·00	42.9621	10·0
101					
*	+ 7·186	−38·921	1·20	43.9790	9·6
*	8·431	−53·596	1·30	44.10374	9·5
...	8·556	+ 7·117	− 1	*b*	...
*	9·163	+50·626	2·00	42.9622	8·1
*	9·612	+15·257	1·00	42.9623	10·0
...	+11·353	+12·282	− 2	*a*	...
...	11·620	−34·438	− 1	...	...
...	11·814	−32·002	− 4	*m*	...
...	12·318	+ 5·940	0·80	...	...
*	12·448	+ 4·453	2·80	43.9791	7·4
111					
*	+13·010	+11·812	1·15	42.9624	9·6
S *	13·529	+40·249	2·00	42.9625	8·1
...	13·914	+ 3·938	− 5	*m*	...
...	14·640	+ 6·032	0·70	...	...
...	14·822	−58·926	0·90	...	...
‡	+14·975	−28·723	1·00	43.9792	9·8
*	15·724	−18·941	1·15	43.9793	9·7
*	16·023	−40·205	1·50	43.9794	9·2
...	16·855	−58·744	− 1	...	...
...	16·891	−55·493	0·70	...	...
121					
S *	+16·950	−13·800	2·60	43.9795	7·6
...	19·438	−25·257	− 4	*m*	...
...	20·109	+15·249	− 1	*a*	...
...	20·334	+26·301	0·65	...	...
...	20·534	+ 8·805	0·70	...	...
...	+22·212	+ 6·149	0·75	...	...
...	23·521	−35·181	− 4	*m*	...
...	25·094	+47·949	1·00	...	...
...	26·051	+30·106	− 4	*m*	...
...	26·317	+14·922	− 1	*a*	...
131					
...	+27·234	+42·995	− 4	...	...
...	28·449	+25·668	− 1	...	...
...	28·784	+21·966	0·70	...	...
*	29·192	+35·654	1·15	42.9626	10·0
...	30·143	−48·384	− 4	*m*	...
...	+30·640	−12·240	− 4	*m*	...
...	31·094	+21·712	− 3	*m*	...
...	31·244	+ 3·867	0·80	...	...
...	31·258	−54·806	− 4	*m*	...
S *	31·824	−58·468	1·60	44.10377	9·2
141					
...	+32·085	+ 6·786	0·90	...	...
...	32·146	−30·121	− 5	*m*	...
...	33·251	−18·089	− 3	*b*	...
...	33·799	+48·572	0·95	...	...
*	34·034	− 3·912	1·05	43.9796	10·2
‡	+34·910	−22·853	1·00	43.9797	10·2
...	35·154	+49·298	− 5	*m*	...
...	36·201	+11·265	− 2	...	...
...	36·468	−29·574	− 3	*b*	...
*	37·227	+23·526	1·10	42.9627	10·0
		151–183			
151					
...	+37′955	−18′356	− 2	° *b*	...
...	38·846	−43·712	− 5	*m*	...
*	38·863	−38·454	1·30	43.9798	9·6
*	39·221	+17·998	1·00	42.9629	10·2
†	39·830	+ 5·914	0·90	...	...
...	+41·362	−11·802	− 4	*m*	...
...	42·514	+ 2·701	− 2	...	...
*	42·529	+ 8·236	1·20	42.9630	9·4
...	42·634	−18·990	− 1	*b*	...
*	44·448	+ 6·837	1·00	43.9799	10·2
161					
...	+46·759	− 2·175	0·70	...	...
...	47·094	+ 6·606	− 3	...	...
...	47·272	+ 6·734	0·90	...	...
S *	47·627	−23·921	1·05	43.9800	10·2
...	48·016	−23·552	0·95	...	...
...	+49·209	−48·595	1·00	...	...
...	49·308	+ 1·333	0·65	...	...
...	49·437	−42·266	− 2	*e*	...
†	49·640	+35·948	0·90	...	...
*	50·491	−56·020	1·25	44.10380	10·0
171					
†	+51·718	+29·856	− 3	...	...
S *	51·729	+26·477	2·00	42.9631	8·2
...	52·172	−31·184	− 4	*e*	...
...	52·444	+ 9·379	0·80	...	...
...	52·444	− 3·107	0·90	...	...
...	+54·038	−42·996	0·95	...	...
...	54·384	+54·935	1·15	...	...
...	55·005	+37·657	0·75	...	...
...	55·189	−25·849	− 3	*e*	...
...	55·207	− 8·008	− 5	*e*	...
181					
...	+55·335	+51·165	− 5	...	...
*	57·153	+11·614	1·60	42.9633	9·4
‡	59·752	−41·783	1·15	43.9801	9·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
1–60					
1			°		
…	−59·072	−48·768	1·00	…	…
…	59·026	−42·420	− 2	E	…
…	58·903	+29·745	− 4	…	…
S *	58·787	+26·364	2·20	42.9631	8·2
…	57·581	+ 9·299	0·85	…	…
…	−57·547	−56·132	1·30	44.10380	10·0
…	57·193	− 3·193	0·85	…	…
…	56·980	+54·965	1·15	…	…
…	56·634	−31·255	− 3	E	…
…	55·919	+51·173	− 4	…	…
11					
…	−55·854	+37·648	0·80	…	…
…	54·417	−43·007	0·95	…	…
…	54·296	− 7·995	− 5	E	…
…	53·786	−25·832	− 2	E	…
*	52·934	+11·667	1·30	42.9633	9·4
*	−50·480	+24·926	1·00	42.9634	10·2
…	49·073	+ 8·930	− 1	…	…
*	48·710	−41·638	1·20	43.9801	9·6
…	46·974	−20·340	0·95	…	…
S *	45·767	−24·540	2·00	43.9802	8·0
21					
…	−45·452	+45·765	− 5	M	…
…	45·160	−18·586	0·95	…	…
…	44·358	− 3·133	0·65	B	…
…	43·331	+27·188	− 5	…	…
…	42·226	+18·356	− 2	…	…
…	−41·711	−41·143	0·95	…	…
…	41·534	−28·865	− 2	M	…
…	41·461	+14·978	− 3	M	…
S *	39·666	−51·014	1·80	43.9803	8·6
…	38·496	+ 1·237	− 2	M	…
31					
S ‡	−38·349	+14·758	2·20	42.9636	7·2
…	37·921	+28·317	− 2	…	…
…	37·224	+44·271	− 1	…	…
…	37·109	−16·259	− 2	M	…
*	36·968	−22·461	1·05	43.9804	10·0
…	−36·935	−48·532	− 5	M	…
…	36·745	−36·649	− 5	M	…
*	35·691	−53·680	2·20	44.10386	8·0
…	35·532	+37·413	0·90	…	…
*	33·679	+56·916	1·40	42.9638	9·9
41					
…	−33·362	−34·687	− 3	M	…
…	32·760	+ 3·528	− 5	M	…
…	32·649	+19·221	− 1	…	…
*	32·360	+20·781	1·80	42.9639	8·4
…	31·463	− 4·992	− 4	M	…
S ‡	−30·806	− 0·208	2·00	43.9805	8·5
…	30·232	−26·335	− 4	M	…
*	30·080	+ 0·397	1·00	43.9807	10·2
‡	29·875	−35·563	1·30	43.9806	9·2
…	28·482	+35·393	− 4	…	…
51					
…	−28·387	+26·651	− 4	M	…
…	25·199	+48·016	− 4	…	…
…	24·837	−19·785	− 2	M	…
…	24·772	+44·498	− 2	…	…
*	24·770	+30·806	1·00	…	…
…	−21·922	+44·129	0·95	…	…
…	21·425	−58·081	0·90	…	…
…	20·607	+35·540	1·00	…	…
…	20·310	−40·729	− 2	M	…
†	20·227	−51·730	1·00	44.10388	10·2
61–120					
61					
†	−20·033	+56·358	− 5	…	…
…	19·782	+32·517	0·80	…	…
*	19·186	+22·307	1·15	42.9641	9·7
…	16·950	+19·300	− 3	…	…
…	16·282	−28·502	0·80	…	…
…	−15·181	+41·605	0·70	…	…
…	14·290	−38·497	− 2	M	…
…	14·033	+45·821	− 4	…	…
…	13·875	+40·649	− 5	M	…
…	12·097	−50·804	− 2	M	…
71					
*	−12·048	+30·297	1·00	42.9642	10·2
…	11·949	+23·712	0·90	42.9643	10·2
…	11·825	−16·501	− 1	B	…
S *	11·001	+12·315	3·40	42.9644	6·8
…	10·573	− 5·877	− 2	M	…
*	− 9·094	+23·171	2·40	42.9645	7·7
*	8·336	−35·741	1·00	43.9808	10·2
…	8·066	−27·962	− 5	M	…
…	7·815	−18·155	− 5	M	…
[	7·701	+33·783	0·90	…	…
81					
*	− 6·396	+ 9·590	2·40	42.9646	8·3
…	5·551	+15·699	− 5	M	…
*	5·499	+49·092	1·05	…	…
…	4·678	−39·454	0·90	…	…
…	4·256	+ 0·732	− 2	M *m*	…
…	− 3·379	+ 5·114	− 5	M *m*	…
…	3·128	−36·172	− 2	M	…
…	2·094	+30·750	− 3	M *m*	…
…	1·796	−40·355	− 3	M	…
…	0·537	−10·445	− 4	M	…
91					
…	− 0·301	− 0·053	− 4	M *m*	…
…	+ 0·150	−55·985	− 5	M	…
…	0·230	+42·750	0·70	…	…
…	0·951	+23·865	0·70	…	…
*	1·007	+31·178	1·60	42.9648	9·0
…	+ 1·485	−33·833	0·65	M	…
S *	2·222	−55·109	2·10	44.10395	8·2
…	2·359	+15·224	0·70	B *m*	…
*	4·136	−54·736	1·00	44.10396	10·2
…	5·084	+40·770	− 5	*m*	…
101					
*	+ 5·284	+39·555	1·00	42.9649	10·2
…	5·321	+37·979	− 5	*m*	…
…	7·109	+10·173	0·70	*b*	…
*	8·118	+18·627	1·05	42.9651	10·2
…	8·123	+25·465	0·70	*e*	…
…	+ 8·188	+47·247	0·75	…	…
S *	9·677	− 7·706	1·80	43.9809	8·5
…	10·307	−58·333	− 1	…	…
…	10·394	−40·895	0·70	…	…
…	10·763	+59·538	0·65	…	…
111					
*	+10·847	+33·392	3·00	42.9652	7·6
…	11·031	−16·662	0·70	…	…
…	11·049	+10·583	− 2	*b*	…
…	11·138	−49·752	− 5	…	…
…	11·184	+39·027	0·75	…	…
…	+11·233	−49·527	0·70	…	…
…	11·655	−27·586	0·65	…	…
…	11·681	+20·411	− 5	*m*	…
*	12·736	+57·397	2·80	42.9653	7·8
*	12·810	+54·264	1·40	42.9654	9·7
121–180					
121			°		
…	+13·263	− 1·600	0·75	…	…
…	13·336	+18·573	− 5	*m*	…
…	13·384	+17·049	0·70	…	…
…	13·485	−35·768	0·70	…	…
…	14·637	−37·040	0·70	…	…
…	+16·035	+46·983	− 1	*b*	…
…	16·184	+15·000	0·70	*a*	…
…	16·690	−55·332	− 2	…	…
…	17·206	− 2·702	0·70	…	…
…	17·701	−21·382	0·70	…	…
131					
…	+17·773	−57·558	− 3	…	…
…	18·783	−34·462	0·65	…	…
…	19·581	−32·506	0·65	…	…
S ‡	19·981	+49·751	2·60	42.9656	7·4
…	20·042	−11·805	− 1	…	…
…	+21·073	−38·650	− 5	…	…
…	21·232	−42·291	0·70	…	…
*	21·628	+17·604	1·10	42.9657	9·7
…	22·017	−15·713	− 5	…	…
…	22·504	−32·067	0·80	…	…
141					
…	+23·154	+44·498	0·70	…	…
…	23·233	+15·946	− 5	*m*	…
…	23·249	−34·313	− 5	…	…
…	23·266	− 5·237	0·70	…	…
…	23·279	−13·117	0·75	…	…
…	+24·667	+20·900	0·75	…	…
…	24·669	+ 9·670	0·70	…	…
…	25·567	+38·545	− 5	*m*	…
…	25·873	−43·729	− 5	…	…
…	26·903	−50·893	− 5	…	…
151					
…	+28·394	− 2·435	0·65	…	…
…	28·539	−21·449	0·80	…	…
…	29·018	+55·181	− 1	…	…
…	29·560	−45·303	1·00	…	…
…	30·126	− 1·454	− 5	…	…
…	+31·342	+17·026	0·75	…	…
…	32·390	−23·673	− 5	…	…
…	33·321	+ 2·300	− 5	*m*	…
…	35·209	−24·350	0·90	…	…
…	35·965	−30·987	− 1	…	…
161					
…	+36·335	+48·191	0·75	…	…
*	36·762	−40·719	1·05	…	…
†	36·915	+34·819	0·70	…	…
*	37·042	+38·730	1·40	42.9658	9·6
…	37·349	−30·364	− 5	…	…
…	+37·383	+39·459	− 5	*m*	…
…	37·471	−41·231	− 5	…	…
…	37·620	−40·850	− 5	…	…
…	37·637	−38·094	0·70	…	…
…	37·764	+17·680	0·65	*a*	…
171					
…	+38·385	+33·401	0·80	…	…
*	39·239	+16·540	1·40	42.9659	9·4
…	39·441	−38·285	− 2	…	…
†	40·760	+14·800	0·70	*b*	…
…	40·799	+19·469	0·70	…	…
…	+41·276	− 8·839	− 5	…	…
…	41·318	+37·081	− 4	…	…
*	41·376	+46·147	1·30	42.9660	9·9
S ‡	41·451	−44·956	1·70	43.9810	9·0
…	41·563	− 7·238	0·75	…	…

[illegible] is continued from 1.
NM [illegible] 42.

181–190

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
181			°		
f	+42·668	− 5·073	0·65	...	...
...	42·778	+ 9·533	− 5	...	...
...	42·998	+53·185	− 4	...	...
...	43·124	−14·570	− 5	...	...
...	43·340	+34·167	1·05	...	...
...	+44·490	+43·854	− 4	...	...
...	45·213	− 6·267	0·65	...	...
..	46·884	−37·812	− 4	...	...
...	47·913	−29·766	0·75	...	...
S *	50·433	+23·846	1·60	42.9661	8·8

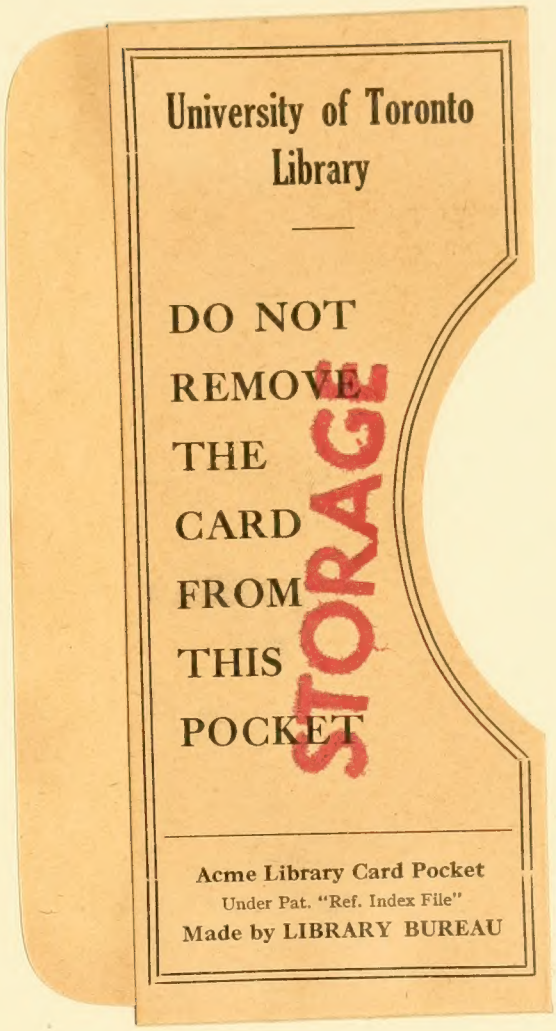
191–200

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
191			°		
...	+51·607	−25·261	0·70		
.	52·479	−55·364	0·65	.	
.	52·875	+ 6·920	− 1	"	
.	52·891	−37·444	− 5	...	...
...	53·138	−18·417	− 5	...	...
...	+53·625	+ 5·8·6	− 4	"	.
"	55·007	− 7·860	1·80	43.9811	8·6
"	55·640	−39·193	1·05	43.9812	10·2
..	56·938	− 9·563	0·70		...
...	57·610	−21·303	0·85	...	.

201–205

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam.	C.P.D. No.	C.P.D. Mag.
201			°		
.	+58·078	+37·505	1·05	...	...
.	58·276	+41·993	1·10	...	...
.	58·440	−20·588	0·95	...	...
S	58·505	−27·130	2·50	43.9813	8·0
..	58·595	−26·629	1·05	43.9814	10·0

[illegible]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